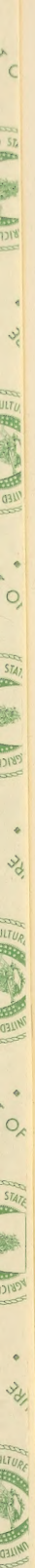






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Plant Inventory No. 151

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., July 1951



PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION,¹ JANUARY 1 TO DECEMBER 31, 1943 (Nos. 145639 to 147632)

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This inventory, No. 151, lists plant material (Nos. 145639 to 147632) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1943. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*

¹ Bureau of Plant Industry title changed Feb. 13, 1943.



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Plant Inventory No. 151

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., July 1951

PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION, JANUARY 1 TO DECEMBER 31, 1943 (Nos. 145639 to 147632)

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PAUL G. RUSSELL,
Botanist

Plant Industry Station,
Beltsville, Md.

Bureau of Plant Industry file changed Feb. 12, 1951



INVENTORY

145639 to 145646.

From Ecuador. Seeds collected by A. G. Kevorkian, Balzapamba. Received January 26, 1943.

145639. CINCHONA sp. Rubiaceae.

Tree No. 1.

145640. CINCHONA sp.

Tree No. 2.

145641. CINCHONA sp.

Tree No. 4.

145642. CINCHONA sp.

Tree No. 6.

145643. CINCHONA sp.

Tree No. 7.

145644. CINCHONA sp.

Tree No. 8.

145645. CINCHONA sp.

Tree No. 9.

145646. CINCHONA sp.

Tree No. 10.

145647. LITCHI CHINENSIS Sonner. (*Nephelium litchi* Cambess.).
Sapindaceae. **Litchi.**

From Florida. Plants growing at the Plant Introduction Garden, Coconut Grove. Numbered January 30, 1943.

Seedlings of P.I. 51471.

145648. PELTOGYNE sp. Caesalpiniaceae.

From Brazil. Seeds collected by Dr. Karl D. Butler, Salvador, Bahia. Received February 2, 1943.

Pau Brasil or *Pau Rosa*. The tree yields one of the best woods of Brazil; very hard, heavy, purple in color, and of handsome grain.

145649. MALVA PARVIFLORA L. Malvaceae.

From California. Seeds presented by Dr. H. L. Mason, University of California, Berkeley. Received January 27, 1943.

Castilian mallow.

For previous introduction see 144155.

145650. HIBISCUS CANNABINUS L. Malvaceae.

From El Salvador. Seeds presented by Winnall Dalton, through the United States Legation, San Salvador. Received January 4, 1943.

145651. SOLANUM. Solanaceae.

From Chile. Tubers presented by F. Mujica R., Departamento de Sanidad Vegetal, Santiago. Received January 18, 1943.

145652. TARAXACUM MEGALORRHIZON (Forsk.) Hand.-Mazz.
Cichoriaceae.

From the Union of Soviet Socialist Republics. Received February 8, 1943.

Krim-saghyz.

145653 to 145673. SACCHARUM. Poaceae.

Sugarcane.

From Colombia. Cuttings presented by the Estación Agrícola Experimental de Palmira, Cali. Received February 8, 1943.

145653. E.P.C. 1618.	145664. E.P.C. 10.788.
145654. E.P.C. 2027.	145665. E.P.C. 12.757.
145655. E.P.C. 2058.	145666. E.P.C. 13.899.
145656. E.P.C. 2059.	145667. E.P.C. 15.220.
145657. E.P.C. 2097.	145668. E.P.C. 15.275.
145658. E.P.C. 4159.	145669. E.P.C. 15.421.
145659. E.P.C. 4415.	145670. E.P.C. 16.263.
145660. E.P.C. 4637.	145671. E.P.C. 16.355.
145661. E.P.C. 5850.	145672. E.P.C. 17.124.
145662. E.P.C. 5990.	145673. E.P.C. 17.150.
145663. E.P.C. 6219.	

145674. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

From Argentina. Seeds presented by Enrique F. Schultz, Director-interino, Estación Experimental Agrícola, Tucumán. Received February 2, 1943.
Tucumán No. 22.

145675. LUFFA AEGYPTIACA Mill. Cucurbitaceae.

Suakwa towelgourd.

From Cuba. Seeds presented by Gerardo Riesgo, Santa Clara. Received February 9, 1943.

Lufa.

145676. ALLIUM SATIVUM L. Liliaceae.

Garlic.

From Brazil. Seeds presented by Edgar Fernandes Teixeira, Director of the Estação Experimental de Pelotas, Rio Grande do Sul, through E. P. Keeler, Agricultural Attaché, Rio de Janeiro. Received February 10, 1943.

The seed was derived from a variety of garlic known originally as *Cateto*, and now named *Pelotas*.

145677. LANDOLPHIA sp. Apocynaceae.

From Brazil. Seeds presented by J. T. Baldwin, Jr., through the American Vice Consulate, Manaus, Amazonas. Received February 11, 1943.

145678 to 145732.

From Asia and Africa. Seeds collected by J. G. Hamilton, Soil Conservation Service, United States Department of Agriculture. Received February 18, 1943.

Unless otherwise stated all numbers are from Saudi Arabia.

145678. ACACIA sp. Mimosaceae.

No collection number.

145679. ACACIA sp.

No. 4.

145680. ALTHAEA sp. Malvaceae.

No. 21. A small, yellow, flowering shrub resembling a mallow.

145681. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

No. 32. From the Agricultural Mission, Egypt.

145678 to 145732—Continued

145682. ASCLEPIAS sp. Asclepiadaceae.
 No. 1. From Gizzan; large shrubby milkweed.
145683. CARICA PAPAYA L. Papayaceae. Papaya.
145684. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
 No. 44. *Hubub*. Grows all over Arabia, especially on desert following rains.
145685. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
 No. 48. From Ka Tief; Persian melon.
145686. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.
 No. 9. From Biesha; a rank-growing vine.
145687. ERAGROSTIS sp. Poaceae. Grass.
 No. 7. From a valley above Biesha; a coarse grass, water table 12 feet below surface.
145688. EREMURUS sp. Liliaceae.
 No. 28. *Sabbar*. From Baish. A native of the Sudan.
- 145689 to 145692. GOSSYPIUM. Malvaceae. Cotton.
 145689. No. 42. From Ashmouni, Egypt.
 145690. No. 7. *Giza*. From Egypt.
 145691. No. 12. *Giza*. From Egypt.
 145692. No. 31. *Giza*. From Egypt.
145693. HORDEUM sp. Poaceae. Barley.
 No. 5. From Khamis Machet. A fall barley; altitude 6,100 feet.
145694. HORDEUM sp.
 No. 43. *Beladi No. 16*. From Egypt.
145695. HYPHAENE sp. Phoenicaceae. Palm.
145696. HYPHAENE sp.
145697. INDIGOFERA sp. Fabaceae.
- 145698 and 145699. MEDICAGO SATIVA L. Fabaceae. Alfalfa.
 145698. No. 8. From Khamis Machet; altitude 6,100 feet.
 145699. No. 17. From Nejron; elevation 4,000 feet.
145700. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
 No. 31. From Abha.
145701. PROSOPIS sp. Mimosaceae.
 No. 39. From Bahrein Island. A small graceful shade tree.
145702. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.
 No. 31. *Hindi 12*. From Egypt.
145703. RUMEX sp. Polygonaceae.
 No. 15. From Washrs, Abjse. Altitude 7,000 feet.
145704. SACCHARUM SPONTANEUM L. Poaceae.
 From Tureda. A tall-growing grass exceptionally good for weaving.
145705. SESBANIA sp. Fabaceae.
 No. 49. From Ka Teif.
- 145706 to 145715. SORGHUM VULGARE Pers. Poaceae. Sorghum.

145678 to 145732—Continued

145706. From Abha. White durra, season 6 months.
 145707. From Khamis Machet; drought-resistant; seed used as food.
 145708. No. 6. From Khamis Machet; altitude 6,100 feet.
 145709. No. 12-A. From Darb; altitude 1,070 feet. A brown milo 10 to 12 feet high.
 145710. No. 12-B. From Abha. A white milo; altitude 6,500 feet.
 145711. No. 14. A grain sorghum 14 to 17 feet in height.
 145712. No. 22. From Nyron. A white grain sorghum.
 145713. No. 29. From Abha. A yellow milo.
 145714. No. 33. From Abha. Durra, season 4 months.
 145715. No. 37. *Giza 25*. From Egypt.
 145716. *TEPHROSIA PURPUREA* (L.) Pers. (*Cracca villosa* var. *purpurea* (L.) Kuntze). Fabaceae.
 No. 26. From Gizzan. A legume that soon covers abandoned dry farmland.
 For previous introduction see 117932.
 145717. *THEMEDA* sp. Poaceae. Grass.
 From Abha; altitude 7,700 feet.
 145718 to 145726. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 145718. From Abha.
 145719. No. 24. From Nyron. A spring wheat.
 145720. No. 25. From Khamis Machet. A spring wheat.
 145721. No. 33. *Belladi*. From Egypt. A spring wheat.
 145722. No. 34. From Abha. A spring wheat.
 145723. No. 36. From Abha.
 145724. No. 37. From Abha.
 145725. No. 40. *Gasvi*. From Egypt.
 145726. No. 38. *Hendi 62*. From Egypt.
 145727 and 145728. *VICIA FABA* L. Fabaceae. Broadbean.
 145727. No. 32.
 145728. No. 38. From Egypt.
 145729 to 145732. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
 145729. No. 23. From Sabiya.
 145730. No. 30. From Abha. A type planted with grain sorghum.
 145731. No. 46. From Ka Tief.
 145732. No. 47. From Ka Tief.
 145733. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.
 From Mexico. Seeds presented by the Director General of Agriculture, San Jacinto, D. F. Received February 13, 1943.
 For previous introduction see 136428.
 145734 to 145737. *SORGHUM VULGARE* Pers. Poaceae. Sorghum.
 From the Belgian Congo. Seeds presented by the Director General du Comité Spécial du Katanga. Received February 13, 1943.

145734 to 145737—Continued

145734. No. 2. *Kalulake*.145735. No. 3. *Kamasaka*.145736. No. 1. *Karavia*.145737. No. 4. *Lomami*.

145738 to 145744.

From Honduras. Seeds presented by H. V. Geib, Tegucigalpa. Received February 11, 1943.

145738. *IPOMOEA* sp. Convolvulaceae.145739. *PHASEOLUS COCCINEUS* L. Fabaceae. Scarlet runner bean.145740 and 145741. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.145742. *PISUM SATIVUM* L. Fabaceae. Common pea.145743. *SOLANUM* sp. Solanaceae.145744. *VICIA FABA* L. Fabaceae. Broadbean.145745. *ALCHEMILLA* sp. Rosaceae.

From Peru. Seeds presented by C. Vargas, Cuzco. Received February 19, 1943.

No. 3049. Collected in Pujiura, Province of Anta, Cuzco, January 24, 1943, on rocky slopes, at an altitude of 3,400 m.

145746 to 145754.

From England. Seeds obtained through Dr. F. W. Sansome, University of Manchester, Manchester. Received February 19, 1943.

Unless otherwise stated all numbers are from England.

145746. *SCOLYMUS MACULATUS* L. Cichoriaceae.

From the Royal Botanic Gardens, Kew.

145747 and 145748. *SCORZONERA HISPANICA* L. Cichoriaceae. Black-salsify.

145747. From the Botanic Gardens, Glasnevin, Dublin, Ireland.

145748. From Carters' Seed Co., London.

For previous introduction see 109950.

145749 and 145750. *TRAGOPOGON PORRIFOLIUS* L. Cichoriaceae.

Vegetable-oyster.

145749. Salsify—*Carters Mammoth*. From Carters' Seed Co., London.

145750. From the Royal Botanic Gardens, Kew.

For previous introduction see 143676.

145751 and 145752. *TRAGOPOGON PRATENSIS* L.

145751. (1937) From Manchester.

145752. (1939) From Manchester.

145753. *TRAGOPOGON* sp.

From the Botanic Gardens, Glasnevin, Dublin.

145754. *TRAGOPOGON* sp.

(1937) From Manchester.

145755. *TRAGOPOGON* sp. Cichoriaceae.

From Kansas. Seeds presented by Oliver L. Stafford, Republic, through L. G. Polhamus, Division of Rubber Investigations. Received February 25, 1943.

145756 to 145759.

From Argentina. Seeds presented by Jorge Bunge, Buenos Aires. Received February 2, 1943.

145756. *CAKILE MARITIMA* Scop. Brassicaceae.

145757. *PANICUM RACEMOSUM* (Beauv.) Spreng. Poaceae.

145758. *SENECIO CRASSIFLORUS* DC. Asteraceae.

145759. *SPARTINA CILIATA* Brogn. Poaceae.

145760 and 145761. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. **Yam-bean.**

From Brazil. Seeds presented by the Ministerio da Agricultura, Instituto Agronomico do Norte, Belem, Para. Received February 23, 1943.

145760. *Jacatupé de semente preta.*

145761. *Jacatupé de semente vermelha.*

145762 to 145771. *SORGHUM VULGARE* Pers. Poaceae. **Sorghum.**

From the Union of South Africa. Seeds presented by the South African Sugar Association Experiment Station, Mount Edgecombe. Received March 1, 1943.

145762. Brown sweet sorghum (Belgian Congo).

145763. *Idomba* or *Inhlwenga*. Sweet (South Africa).

145764. *Isiboyana*. Sweet (South Africa).

145765. *Iyenda*. Sweet (South Africa).

145766. *Kalulako*. Sweet (Belgian Congo).

145767. *Kamasaka*. Sweet (Belgian Congo).

145768. *Karavia*. Sweet (Belgian Congo).

145769. *Kivu White*. (Belgian Congo).

145770. *Lomami*. Sweet (Belgian Congo).

145771. *White*. Sweet (Belgian Congo).

145772. *PRUNUS ARMENIACA* L. Amygdalaceae. **Apricot.**

From Missouri. Tree obtained from Stark Bros. Nursery, Louisiana. Received March 11, 1943.

Wilson Delicious.

145773 and 145774. *PRUNUS AVIUM* L. Amygdalaceae.

Sweet cherry.

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered March 11, 1943.

145773. *Sweet September*. From Bunting Nursery, Selbyville, Del.

145774. *Sweet September*. From Bountiful Ridge Nursery, Maryland.

145775. *CRYPTOSTEGIA GRANDIFLORA* R. Br. Asclepiadaceae.

Palay rubbervine.

From India. Seeds presented by the Silviculturist, Bombay Province, Poona, through American Board of Economic Warfare Consul, Karachi. Received March 10, 1943.

An erect woody climber of unknown nativity, but now cultivated in many places in the Tropics as an ornamental. The reddish-purple flowers, becoming pale pink, are about 2 inches across and are produced in short, spreading cymes. The plant is also cultivated for the rubber obtained from the juice.

For previous introduction see 145096.

145776 to 145781. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From the Territory of Hawaii. Seeds presented by the Experiment Station of the Hawaiian Sugar Planters' Association, Honolulu. Received March 10, 1943.

145776. TH 369. (*Cherry* × *Marglobe*) × *Filipino*. Seeds from F₁ plant.

145777. TH 370. 39W23 (*Cherry* × *Valiant*). Seeds from F₁ plant.

145778. TH 753. *Filipino* × *Pritchard*. Determinate. Seeds from F₁ plant.

145779. TH 765. (*German Sugar* × *Stokedale*) × *Bounty*. Seeds from F₁ plant.

145780. TH 800. (*German Sugar* × *Filipino*) × (*Gardner* × *Bounty*) × 39W16. Seeds from F₁ plant.

145781. TH 833. (*Cherry* × *Marglobe*) × *Filipino*. Seeds from F₂ plant.

145782. PHYSALIS PERUVIANA L. Solanaceae. Peruvian groundcherry.

From India. Seeds presented by E. R. Turner, New York, N. Y. Received March 10, 1943.

For previous introduction see 135918.

145783. PENNISETUM CILIARE (L.) Link (*P. cenchroides* L. Rich.). Poaceae. Grass.

From the Union of South Africa. Presented by the McGregor Museum, Kimberley. Received March 10, 1943.

Typical Karoo.

For previous introduction see 142292.

145784. SOLANUM ANDIGENUM Juzepczuk & Bukasov. Solanaceae.

From Bolivia. Seeds presented by Dr. Martin Cárdenas, Cochabamba. Received March 10, 1943.

No. 37. *Sackampaya*. From Oruro and Potosi, Altiplano de la Paz; at 2,560 m. altitude. A potato of agreeable flavor that gives a good yield without fertilizer. Received under the varietal name "bolivianum," for which a place of publication has not been found.

145785. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae. Palay rubbervine.

From Australia. Seeds presented by the Department of Agriculture and Stock, Brisbane. Received March 19, 1943.

For previous introduction and description see 145775.

145786. CAESALPINIA CACALACO H.B.K. Caesalpinaceae.

From Mexico. Seeds presented by S. B. Detwiler, Soil Conservation Service, Sinaloa. Received March 19, 1943.

Huisache. From Cascalote, south of Los Mochis. A shrub or sometimes a large tree, usually very spiny, with very rough gray bark and bipinnate leaves, the pinnae 2 to 5 pairs and up to 1 inch long. The large yellow-red flowers are in long racemes, and the pods, 4 to 6 inches long, contain about 48 percent of tannin. Native to Mexico.

145787. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From New Jersey. Trees presented by Dr. M. A. Blake, New Jersey Agricultural Experiment Station, New Brunswick. Received March 30, 1943.

Fireglow × *Frost*.

145788. CORIANDRUM SATIVUM L. Apiaceae. Coriander.

From Haiti. Seeds presented by Alix Large, Head Horticulturist, Port-au-Prince. Received March 19, 1943.

145789. CINCHONA PUBESCENS Vahl (*C. succirubra* Pav.). Rubiaceae.

From Honduras. Seeds presented by Dr. Wilson Popenoe, Escuela Agrícola Panamericana, Tegucigalpa. Received March 23, 1943.

For previous introduction see 144659.

145790. CINCHONA PUBESCENS Vahl (*C. succirubra* Pav.). Rubiaceae.

From Guatemala. Seeds presented by F. Rosengarten, Chicacao, Suchitepequez, through Gerald A. Drew, American Legation. Received March 25, 1943.

For previous introduction see 145789.

145791. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.

From El Salvador. Seeds obtained through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received March 23, 1943.

145792. ENCEPHALARTOS HILDEBRANDTII × CERATZAMIA MEXICANA. Cycadaceae.

From New York. Seeds presented by T. H. Everett, New York Botanical Garden, Bronx Park. Received March 30, 1943.

145793 and 145794.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received March 4, 1943.

145793. ERAGROSTIS LEHMANNIANA var. AMPLA Stapf. Poaceae. Grass.

For previous introduction see 144308.

145794. PANICUM MINUS var. PLANIFOLIUM Stapf. Poaceae. Grass.

For previous introduction see 142980.

145795. CROTALARIA JUNCEA L. Fabaceae. Sunn-hemp.

From the Virgin Islands. Seeds presented by R. Norman Skeoch, Director, Agricultural Experiment Station, Christiansted, St. Croix. Received April 13, 1943.

A plant cultivated for its fiber and as forage.

For previous introduction see 133086.

145796. CHAMAEDOREA STOLONIFERA Wendl. Phoenicaceae. Palm.

From California. Plant presented by David Barry, Jr., Los Angeles. Received June 8, 1943.

145797. URENA LOBATA L. Malvaceae.

From Cuba. Seeds presented by the Compañía de Fibras Cubanas Rial, Havana. Received April 9, 1943.

Malva blanca. An erect undershrub with cordate entire or lobed leaves 2 to 3 inches long, flowers 1 inch across, rose red at the base, and small fruits armed with hooked bristles. Native to tropical Asia.

For previous introduction see 143342.

145798. STRYCHNOS NUX-VOMICA L. Loganiaceae.

From Trinidad. Seeds presented by the Department of Agriculture. Received April 8, 1943.

For previous introduction see 110262.

**145799. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae.
Palay rubbervine.**

From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos, Received April 5, 1943.

For previous introduction see 145785.

145800 and 145801.

From Canada. Seeds obtained from the Provincial Seed Farm, MacDonald College, Quebec. Received April 1, 1943.

145800. PHLEUM PRATENSE L. Poaceae. Timothy.

Milton timothy.

145801. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

Dollard red clover.

145802 to 145809. TRITICUM AESTIVUM × TIMOPHEEVI. Poaceae.

From New South Wales. Seeds presented by the Department of Agriculture, Sydney. Received April 2, 1943.

145802. ((Dundee × Stein × Timopheevi × Dun × Nab) × Bena × Kenya) 2.

145803. ((Steinwedel × Timopheevi × Dundee) × Dundee × Nabawa) 6. C2-4-1-1-1.

145804. ((Stein × Timopheevi × Dundee) × Dundee × Nabawa) 6. C4-1-1-1.

145805. (Steinwedel × Timopheevi × Bena) 6. C1-5-1-1-1.

145806. (Steinwedel × Timopheevi × Dundee) 8. C4-2-1-1-1.

145807. (Steinwedel × Timopheevi) 6 C1-1-1-5.

145808. (Steinwedel × Timopheevi × Bena) 6. C3-1-2-1-1.

145809. (Steinwedel × Timopheevi) 6. C1-1-1-8.

145810 to 145815. PYRUS COMMUNIS L. Malaceae. Common pear.

From Iran. Seeds presented by Dr. Walter Koelz, Teheran; Agent, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received March 19, 1941; numbered April 5, 1943.

Collected at Saujbulagh, Azerbaijan, Dec. 4, 1940.

145810. Seedling No. 1. (Koelz 7584).

145811. Seedling No. 2. (Koelz 7584).

145812. Seedling No. 3. (Koelz 7584).

145813. Seedling No. 4. (Koelz 7584).

145814. Seedling No. 5. (Koelz 7584).

145815. Seedling No. 1. (Koelz 7585).

145816. HIBISCUS CANNABINUS L. Malvaceae. Ambari hemp.

From El Salvador. Received April 9, 1943.

For previous introduction see 144727.

145817. *CASSIA ANGUSTIFOLIA* Vahl. *Caesalpinaceae*.

From Madras, India. Received April 9, 1943.

A small shrub that is one of the sources of the drug known as senna. It requires little irrigation, and is native to Arabia and East Africa.

For previous introduction see 47974.

145818 to 145821. *PYRUS COMMUNIS* L. *Malaceae*. **Common pear.**

From Ontario. Scions presented by the Horticultural Experiment Station, Department of Agriculture, Vineland Station. Received April 13, 1943.

145818. No. 29012. (Selected seedling of Bartlett \times P.I. 26485).

145819. No. 29014. (Selected seedling of Bartlett \times P.I. 26485).

145820. No. 29015. (Selected seedling of Bartlett \times P.I. 26485).

145821. No. 29018. (Selected seedling of Bartlett \times P.I. 26485).

145822. *LOROMA AMETHYSTINA* O.F.Cook. *Phenicaceae*. **Palm.**

From Mexico. Seeds presented by Raymundo W. Schulz, Cuernavaca, Morelos. Received April 8, 1943.

145823 to 145825. *ZEA MAYS* L. *Poaceae*. **Corn.**

From Canada. Seeds presented by T. F. Ritchie, Central Experimental Farm, Division of Horticulture, Ottawa. Received April 15, 1943.

145823. *Dorick O-D-530*.

145824. *Dorinny O-D-529*.

145825. *Goldban Ste-C*.

145826 to 145830.

From Ontario. Scions presented by G. H. Corsan, Echo Valley, Islington. Received April 20, 1943.

145826 to 145828. *JUGLANS NIGRA* L. *Juglandaceae*. **Black walnut.**

145826. *Gifford*.

145827. *Learn*.

145828. *Nielson*.

For previous introduction see 143883.

145829. *JUGLANS REGIA* L. **Persian walnut.**

For previous introduction see 145555.

145830. *JUGLANS CORDIFORMIS* var. *AILANTIFOLIA* \times *CINEREA*.145831. *CASSIA ANGUSTIFOLIA* Vahl. *Caesalpinaceae*.

From India. Seeds obtained through the Board of Economic Warfare, Washington, D.C.

For previous introduction see 145817.

145832. *IXOPHORUS UNISSETUS* (Presl) Schlecht. *Poaceae*. **Molino grass.**

From Colombia. Seeds presented by the Buga Experiment Station, Cauca Valley, through H. V. Geib, American Embassy, Bogotá. Received April 9, 1943.

For previous introduction see 71388.

145833 to 145837.

From Colombia. Seeds presented by the Rio Negro Experiment Station, Antioquia, through H. V. Geib, American Embassy, Bogotá. Received April 9, 1943.

145833 to 145837—Continued

145833 to 145836. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

145833. No. 1. *Cargamanto de Tallo*. A tall, climbing variety.

145834. No. 2. *Cargamanto de Arbol*. A low variety, not climbing.

145835. No. 3. *Liborino*. The best variety for yield and quality.

145836. No. 5. Mixed beans from the market in Rio Negro.

145837. ZEA MAYS L. Poaceae. Corn.

Copia Copio. Native corn from near Medellín.

145838 to 145843.

From Mexico. Seeds presented by E. Locke, Acapulco, Guerrero. Received April 23, 1943.

145838. AMPELOCISSUS ACAPULCENSIS (H.B.K.) Planch. Vitaceae.

A large woody vine with broadly cordate, coarsely dentate leaves 3 to 6 inches long, densely tomentose beneath, and small red flowers in dense cymes. The round dark-red fruits are up to 1 inch in diameter. Native to southern Mexico.

For previous introduction see 145572.

145839. ARISTOLOCHIA sp. Aristolochiaceae.

"Duck-head" flower.

145840. CYDISTA AEQUINOCTIALIS (L.) Miers. Bignoniaceae.

A large woody vine with bifoliate leaves; the ovate leaflets are 2 to 6 inches long. The large pink or pale-purple flowers are in few-flowered racemes. Native to tropical South America.

145841. MANIHOT sp. Euphorbiaceae.

145842. MIMOSA sp. Mimosaceae.

145843. PASSIFLORA sp. Passifloraceae.

145844. EUPHORBIA PULCHERRIMA Willd. Euphorbiaceae.

From Mexico. Cuttings presented by Herman Pitman, Chilpancingo, Guerrero, through Atherton Lee, War Production Board, Washington, D. C. Received April 23, 1943.

Received under the name "pitmania," for which a place of publication has not been found.

For previous introduction see 102281.

145845 to 145854. ZEA MAYS L. Poaceae. Corn.

From Hawaii. Seeds presented by A. J. Mangelsdorf, Experiment Station of the Hawaiian Sugar Planters' Association. Received April 26, 1943.

145845. C9033. 145850. C9182.

145846. C9059. 145851. C9191.

145847. C9096. 145852. C9195.

145848. C9135. 145853. C9209.

145849. C9168. 145854. C9224.

145855. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.

From China. Seeds obtained through the American Embassy, Chungking. Received April 17, 1943.

145856. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae.

From El Salvador. Seeds presented by the Sección de Entomología de la Dirección de Agricultura, San Salvador. Received April 19, 1943.

145857 to 145859.

From Fiji. Seeds presented by K. A. Ryerson, through the American Consulate, Suva. Received April 21, 1943.

145857. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

145858 and 145859 were presented by Harrison W. Smith, Papeari, Tahiti, Society Islands.

145858. BAUHINIA TOMENTOSA L. Caesalpiniaceae. St. Thomas tree.

An erect shrub or small tree that has obtusely lobed leathery leaves, broader than long, and few-flowered clusters of pale-yellow flowers with the upper petals spotted maroon. Native to India.

For previous introduction see 116017.

145859. JACQUEMONTIA PENTANTHA (Jacq.) G. Don. Convolvulaceae.

An attractive greenhouse climber for summer and autumn flowering, with rich violet-blue flowers. Native to tropical America.

For previous introduction see 24595.

145860. FORSTERONIA CORYMBOSA (Jacq.) G.F.W. Mey. Apocynaceae.

From Cuba. Seeds presented by the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received April 23, 1943.

145861. LESPEDEZA CUNEATA (Dum.-Cours.) G. Don. Fabaceae.

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 29, 1943.

No. 6474. Grown in Virginia.

For previous introduction see 90362.

145862 to 145870. ZEA MAYS L. Poaceae. Corn.

From Pennsylvania. Seeds purchased from the W. Atlee Burpee Co., Philadelphia. Received April 29, 1943.

145871 to 145880.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received April 16, 1943.

145871. CHLORIS GAYANA Kunth. Poaceae. Rhodes grass.

From Langholm Estate near Grahamstown, Cape Province. Grown from Australian seed.

For previous introduction see 143897.

145872. ERAGROSTIS BICOLOR Nees. Poaceae. Grass.

Collected between Cape Town and Kimberley.

For previous introduction see 144307.

145873. ERAGROSTIS BRIZANTHA Nees.

A common veld grass from the Museum Garden.

For previous introduction see 144667.

145874. ERAGROSTIS ECHINOCLOIDEA Stapf.

From semicultivated land near Postmasberg.

145871 to 145880—Continued

145875. *ERAGROSTIS LEHMANNIANA* var. *AMPLA* Stapf.

For previous introduction see 144308.

145876. *ERAGROSTIS LEHMANNIANA* Nees.

From near Postmasburg; 10 inches rainfall.

For previous introduction see 144668.

145877. *ERAGROSTIS POROSA* Nees.

From the outskirts of Kimberley.

For previous introduction see 142054.

145878 and 145879. *ERAGROSTIS SUPERBA* Peyr.

An excellent native pasture grass, about 3 feet tall with broad compressed spikelets.

145878. From the Museum Garden.

145879. From Picardi, Kimberley.

For previous introduction see 142250.

145880. *TARCHONANTHUS MINOR* Less. Asteraceae.

A resin-scented shrub up to 7 feet high, with attractive woolly flower heads. It is drought-resistant, and is excellent stock feed.

For previous introduction see 145567.

145881. *CERCIS OCCIDENTALIS* Torr. Caesalpiniaceae.

California redbud.

From Maryland. Plants obtained by Claude Hope, the United States Plant Introduction Garden, Glenn Dale. Numbered April 30, 1943.

For previous introduction see 4018.

145882 and 145883. *SESAMUM INDICUM* L. (*S. orientale* L.). Ped-
aliaceae. **Sesame.**

From Alabama. Seeds presented by R. E. Lambert & Sons, Darlington. Received May 1, 1943.

145882. Originally from Africa.

145883. Local stock.

145884. *BAMBUSA* sp. Poaceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered May 1, 1943.

Seedlings of P.I. No. 129598.

145885 to 145890. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.
Tomato.

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 1, 1943.

145885. *Essar*.

145888. *Marglobe*.

145886. *Riverside*.

145889. *Pan American*.

145887. *Glovel*.

145890. *Pritchard*.

145891 to 145902. *SETARIA ITALICA* × *VIRIDIS*. Poaceae. **Grass.**

From China. Seeds presented by H. W. Li, Chengtu, through R. G. Johnson, Oregon Agricultural Experiment Station. Received April 26, 1943.

145891. F₁. No. 2322.

145893. F₁. No. 2323-2.

145892. F₁. No. 2323-1.

145894. F₁. No. 2325.

145891 to 145902—Continued

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| 145895. F. No. 2333. | 145899. F. No. 2339-1. |
| 145896. F. No. 2331. | 145900. F. No. 2340-1. |
| 145897. F. No. 2337. | 145901. F. No. 2340-2. |
| 145898. F. No. 2338-1. | 145902. F. No. 2341. |

145903 to 145909. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae. Palay rubbervine.

From Mexico. Seeds presented through the Rubber Development Corp., Washington, D. C. Received April 29, 1943.

Seeds collected in the State of Sinaloa.

145903. From Agua Caliente; January 1943.

145904. From Chametla; December 1942.

145905. From Chicura; January 1943.

145906. From La Novia; January 9, 1943.

145907. From Mazatlán; January 16, 1943.

145908. From Rosario; December 4, 1942.

145909. From Potrero; December 1942.

For previous introduction see 145799.

145910. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From California. Seeds presented by Rosenberg Bros. & Co., San Francisco. Received May 6, 1943.

Lady Washington.

145911 to 145914.

From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos. Received May 6, 1943.

145911. CHRYSOPHYLLUM CAINITO L. Sapotaceae. Star-apple.

A handsome West Indian tree with striking dark-green leaves, copper-colored underneath. The dark-purple fruit is from 3 to 4 inches in diameter, and when fully ripe the white jellylike substance surrounding the seed is sweet and agreeable. The tree is well worth cultivating as an ornamental shade tree.

For previous introduction see 105456.

145912. DOMBEYA WALLICHII (Lindl.) Benth. & Hook. f. Sterculiaceae.

145913. HURA CREPITANS L. Euphorbiaceae. Sandboxtree.

For previous introduction see 110191.

145914. LUFFA AEGYPTIACA Mill. Cucurbitaceae. Suakwa towelgourd.

145915. AVENA SATIVA L. Poaceae. Oats.

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 7, 1943.

145916. CEDRUS sp. Pinaceae.

From India. Seeds presented by the Government Gardens, Chaubattia, United Provinces, through W. R. Coe, New York, N. Y. Received May 7, 1943.

145917. HEVEA LUTEA (Benth.) Muell. Arg. Euphorbiaceae.

From Brazil. Plants presented by John T. Baldwin, Jr., Division of Rubber Investigations, United States Department of Agriculture. Received May 7, 1943.

145918. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae.**Palay rubbervine.**

From the Bahamas, British West Indies. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville, Maryland. Received May 8, 1943.

For previous introduction see 145909.

145919. LUFFA AEGYPTIACA Mill. Cucurbitaceae.**Suakwa towelgourd.**

From New York. Seeds purchased from the Gulf & West Indies Co., Inc., New York City. Received May 10, 1943.

145920 and 145921. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From California. Seeds presented by Klein Bros., Stockton. Received May 12, 1943.

145920. *Bayo*.

145921. *Lady Washington*.

145922 to 145924. CARICA PAPAYA L. Papayaceae.**Papaya.**

From Florida. Seeds presented by F. E. Gardner, Orlando. Received May 13, 1943.

145922. *Fairchild*.

145923. *Florida*.

145924. *Orlando*.

145925 to 145939. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received May 13, 1943.

145925. *Baart*.

145933. *Mindum*.

145926. *Bunyip*.

145934. *Pilot*.

145927. *Carleton*.

145935. *Regent*.

145928. *Ceres*.

145936. *Rival*.

145929. *Hope*.

145937. *Stewart*.

145930. *Marquis*.

145938. *Thatcher*.

145931. *Merit*.

145939. *White Federation 38*.

145932. *Merit* × *Thatcher*.

145940 and 145941.

From Guatemala. Seeds presented by the Dirección General de Agricultura, through Edwin A. Menninger, Stuart, Fla. Received May 4, 1943.

145940. PITHECELLOBIUM sp. Mimosaceae.

Palo obero.

145941. TERMINALIA HAYESII Pittier. Combretaceae.

Voladora.

145942. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 15, 1943.

Midland; grown at Manhattan, Kans.

145943 to 145945. *PHASEOLUS VULGARIS* L. Fabaceae.**Common bean.**

From Tennessee. Seeds presented by A. B. Strand, Agricultural Experiment Station, Knoxville. Received May 15, 1943.

145943. *Golden Mung.*

145944. *Puerto Rico White.*

145945. *U. S. No. 5.* Refugee selection.

145946. *DUBOISIA HOPWOODI* F. Muell. Solanaceae.

From New South Wales. Seeds presented by W. Poggendorff, Department of Agriculture, Sydney. Received May 7, 1943.

145947 and 145948.

From Iran. Seeds presented by Dr. Walter Koelz, Teheran, through Capt. Henry Dawes, Headquarters, Railway Express Service, New York, N. Y. Received May 8, 1943.

145947. *ALBIZZIA* sp. Mimosaceae.

From Manzanderan Province.

145948. *AMYGDALUS* sp. Amygdalaceae.

From near Brujird, Luristan. A wild almond.

145949 to 145965. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae.**Suakwa towelgourd.**

From Jamaica. Seeds presented by the Department of Science and Agriculture, Kingston. Received May 11, 1943.

145949. No. 1. Collected at Kingston, January 6, 1942. Fruit 10 inches long.

145950. No. 2. Collected at Malver, St. Elizabeth, October 6, 1942. Altitude 2,000 feet; fruit 7 inches long.

145951. No. 3. Collected at Anchovy, St. James, January 3, 1943. Altitude 1,000 feet; fruit 6 inches long.

145952. No. 4. Collected at Frankfield, Clarendon. Fruit 6 inches long.

145953. No. 5. Collected at Maroon Town, January 3, 1943.

145954. No. 6. Collected at Porus, Clarendon, February 27, 1943. Fruit from 10 to 12 inches long.

145955. No. 7. Collected at Brown's Hall, August 3, 1943. Fruit 7 inches long.

145956. No. 8. Collected at Linstead, St. Catherine, February 27, 1943. Fruit 10 inches long.

145957. No. 9. Collected at Stewarton, September 3, 1943. Fruit 10 inches long.

145958. No. 10. Collected at Manchioneal, Portland, June 3, 1943. Fruit 10 inches long.

145959. No. 11. Collected at Lacovia, St. Elizabeth, June 3, 1943. Fruit 17½ inches long.

145960. No. 12. Collected at Orange Bay, December 3, 1943. Fruit 17 inches long.

145961. No. 13. Collected at Dry River District, January 3, 1943. Fruit 18 inches long.

145962. No. 14. Collected at Bridgewater. Fruit 17 inches long.

145963. No. 15. Collected at Lodge, St. Ann, May 3, 1943. Fruit 14 inches long.

145949 to 145965—Continued

145964. No. 16. Collected at Port Antonis, February 28, 1943. Fruit 10 inches long.

145965. No. 17. Collected at Stonehenge, January 3, 1943. Fruit 7 inches long.

145966. DROSERA FILIFORMIS Raf. Droseraceae.

From New Jersey. Seeds purchased from Rex D. Pearce, Moorestown. Received May 17, 1943.

145967 to 145979. JUGLANS REGIA L. Juglandaceae.

Persian walnut.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered May 18, 1943.

145967. Selection (D-35-13) from P.I. 110022.

145968. Selection (D-35-15) from P.I. 110023.

145969. Selection (D-35-16) from P.I. 110024.

145970. Selection (D-35-19) from P.I. 110025.

145971. Selection (D-35-22) from P.I. 110028.

145972. Selection (D-35-24) from P.I. 110029.

145973. Selection (D-35-25) from P.I. 110029.

145974. Selection (D-35-26) from P.I. 110030.

145975. Selection (D-35-28) from P.I. 110031.

145976. Selection (D-35-31) from P.I. 110032.

145977. Selection (D-35-32) from P.I. 110033.

145978. Selection (D-36-2) from P.I. 110049.

145979. Selection (D-36-4) from P.I. 110050.

145980 and 145981.

From Cuba. Seeds presented by Dr. Julian Acuna Gale, Agricultural Experiment Station, Santiago de las Vegas. Received May 14, 1943.

145980. *GLIRICIDIA SEPIUM* (Jacq.) Kunth (*G. maculata* H.B.K.). Fabaceae.

A small tree up to 30 feet high, with alternate compound leaves. The flowers resemble those of the black locust in size but are pink.

For previous introduction see 123214.

145981. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze).
Fabaceae. **Yam-bean.**

145982 and 145983.

From Florida. Seeds growing at the United States Plant Introduction Garden, Coconut Grove. Received May 18, 1943.

145982. *EUPHORBIA INTISY* Drake. Euphorbiaceae.

An arborescent succulent about 12 feet high, native to southern Madagascar. It has gray bark, dichotomous or somewhat whorled branches, and minute scattered leaves. The small inconspicuous greenish flowers are in very short cymes near the tips of the branches. At one time this was the most important rubber plant of Madagascar.

For previous introduction see 112196.

145982 and 145983—Continued

145983. *MANIHOT GLAZIOVII* Muell. Arg. Euphorbiaceae. **Ceara rubber tree.**

A medium-sized tree, native to southern Brazil, with a rather dense crown of large 5-lobed peltate leaves, the lobes of which are 3 to 4 inches long. The bark is smooth, shiny brown, with a tendency to peel loose around the trunk, strongly resembling cherry-tree bark. The fruits are round, smooth capsules.

For previous introduction see 124805.

145984. *JUGLANS REGIA* L. Juglandaceae. **Persian walnut.**

From California. Seedlings selected at the United States Plant Introduction Garden, Chico. Numbered May 19, 1943.

Selection (D-18-17) from P.I. 102090.

145985 to 145987. *SESAMUM INDICUM* L. Pedaliaceae. (*S. orientale* L.). **Sesame.**

From Arizona. Seeds presented by Ian A. Briggs, University of Arizona, Tucson. Received May 21, 1943.

145985. *Breve Chico.*

145986. *Español Grande.*

145987. *Español Breve.*

145988 to 145992.

From the Union of South Africa. Seeds presented by Dr. I. B. Pole Evans, Irene, Transvaal, through Charles A. Heath, Chicago, Ill. Received May 15, 1943.

145988. *CYNODON* sp. Poaceae. **Stargrass.**

From Fort Portal.

145989. *CYNODON* sp.

From Lake Shirwa.

145990. *CYNODON* sp.

From Matombara.

145991. *CYNODON* sp.

From Morotoo.

145992. *CYNODON* sp.

From Vandasi.

145993. *CASSIA ANGUSTIFOLIA* Vahl. Caesalpiniaceae.

From India. Seeds obtained through the Board of Economic Warfare, Washington, D. C.

For previous introduction see 145831.

145994. *ERAGROSTIS SUPERBA* Peyr. Poaceae. **Grass.**

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received May 17, 1943.

For previous introduction see 145879.

145995. *ERYTHROXYLON COCA* Lam. Erythroxylaceae. **Cocaine plant.**

From Florida. Seeds growing at the United States Plant Introduction Garden, Coconut Grove. Received May 21, 1943.

145996 to 146113.

From Iran. Seeds presented by Dr. Walter Koelz, Teheran. Received May 17, 1943.

Material collected in Breyird, Luristan, unless otherwise mentioned.

145996 to 146113—Continued

145996 to 146014. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

145996. No. 8164. August 6, 1942. Fruits subglobose, 2½ inches long, green yellow tinged red; flesh white, stained red at pit; freestone; good.

145997. No. 8169. August 7, 1942. Fruit subglobose, 2 inches long, pale yellow, sometimes with a purple cheek; flesh white; freestone; flavor sweet.

145998. No. 8181. August 22, 1942. Fruit subglobose, 2½ inches long, yellow with red cheek; flesh white, stained crimson at the free pit, juicy; flavor good; seed edible.

145999. No. 8184. August 24, 1942. Fruits subglobose, 3 inches long, green yellow heavily colored with crimson; flesh white, juicy; flavor good, kernel sweet.

146000. No. 8185. August 24, 1942. Fruit globose, 2 inches long, pale yellow washed crimson; flesh white, flavor good; freestone.

146001. No. 8188. August 31, 1942. Fruits amygdaloid, 2 inches long, green yellow washed crimson; flesh white, flavor good; freestone.

146002. No. 8189. September 1, 1942. Fruit subglobose, 3 inches long, green yellow heavily washed crimson; flesh white, tinted red at pit, juicy; flavor good; freestone; seed edible.

146003. No. 8193. September 2, 1942. Fruit globose, 2¾ inches long, spherical in cross section, green yellow; flesh white, flavor excellent; freestone.

146004. No. 8208. September 11, 1942. A mixture of fruits, 1¾ to 2½ inches long, mostly pale lemon; flesh white; freestone; season late.

146005. No. 8209. September 11, 1942. Fruit subglobose, 2¼ inches long, pale lemon; flesh white; freestone; seed edible; season late.

146006. No. 8213. September 15, 1942. Fruit subglobose, 3 inches long, green; flesh green; flavor good; freestone; season late.

146007. No. 8216. September 15, 1942. Fruit subglobose, 2½ inches long, yellow green marked crimson; flesh white, stained at free pit; flavor good.

146008. No. 8219. September 16, 1942. Fruit subglobose 2¼ inches long, pale yellow; flesh white; flavor good; freestone; season late.

146009. No. 8221. September 17, 1942. Fruits elongate, 3 inches long, pale lemon; flesh white, stained at pit; flavor good; late season.

146010. No. 8222. September 17, 1942. Fruit globose, 2 inches long, pale lemon marked pink; flesh white, stained at pit, very juicy; season late.

146011. No. 8223. September 17, 1942. Fruit subglobose, 2¾ inches long, pale lemon with crimson cheek; flesh greenish white, pit somewhat stained; flavor good; season late.

146012. No. 8225. September 22, 1942. Fruit subglobose, 2¾ inches long; flesh greenish; flavor good; season late.

146013. No. 8230. September 30, 1942. Fruit globose, 1½ inches long, pale lemon; flesh white; seed pale and very small.

146014. No. 8231. September 30, 1942. Fruit elongate, 1¾ inches long, pale lemon, heavily marked crimson; flesh white, stained at the crimson pit.

146015 to 146035. *AMYGDALUS PERSICA* var. *NECTARINA* Ait. Nectarine.

146015. No. 8157. August 3, 1942. Fruit 2 inches long, colored partly rich purple crimson and partly handsome yellow green; flesh yellow green, stained crimson at pit; freestone; season early; flavor good.

145996 to 146113—Continued

146016. No. 8161. August 5, 1942. Fruit globose, 2½ inches long, half green yellow, half crimson; freestone; flesh white, stained red at pit; flavor very good.
146017. No. 8173. August 12, 1942. Fruit globose, 2½ inches long, half crimson, half green yellow; flesh white, stained crimson at pit; flavor good.
146018. No. 8174. August 14, 1942. Fruit elongate, 2½ inches long, pale green yellow with faint washes of crimson; flesh white, stained at pit; freestone; flavor good.
146019. No. 8175. August 14, 1942. Fruit globose, 2½ inches long, deep maroon; flesh white, heavily stained at pit; flavor very good.
146020. No. 8177. August 20, 1942. Fruit subglobose, 2¾ inches long, half green yellow, half crimson; flesh white, stained at pit; freestone; flavor good.
146021. No. 8182. August 22, 1942. Fruit subglobose, 1¾ inches long, green yellow; freestone; flesh entirely white; flavor excellent.
146022. No. 8191. September 1, 1942. Fruit subglobose, 2 inches long, pale yellow; flesh white; freestone; flavor good; season late.
146023. No. 8192. September 2, 1942. Fruit subglobose, 2¼ inches long, green, sometimes tinted red; freestone; flavor good.
146024. No. 8194. September 3, 1942. Fruit elongate, 2 inches long, pale yellow, heavily washed crimson; flesh white; clingstone; flavor good.
146025. No. 8195. September 4, 1942. Fruit subglobose, 2 inches long, pale yellow, heavily washed crimson; flesh white; freestone; flavor good.
146026. No. 8198. September 5, 1942. Fruit globose, beaked, heavily washed maroon; flesh green white; freestone; season late.
146027. No. 8201. September 6, 1942. Fruit globose, 2 inches long, half green yellow, half crimson; flesh white, somewhat stained red at the free pit; flavor good; season late.
146028. No. 8203. September 8, 1942. Fruit globose, beaked, 2 inches long, pale lemon; flesh white; flavor good; season late.
146029. No. 8204. September 8, 1942. Fruit subglobose, 2½ inches long, pale lemon, irregularly splashed crimson; flesh white, somewhat stained at pit; flavor good; season late.
146030. No. 8207. September 9, 1942. Fruit globose, 2 inches long, green yellow, crimson cheek; flesh green, tinted crimson at pit; flavor good; season late.
146031. No. 8214. September 15, 1942. Fruit subglobose, 2¼ inches long, pale lemon, heavily washed crimson; flesh green, stained crimson at pit; freestone; flavor good; season late.
146032. No. 8215. September 15, 1942. Fruit globose, 2 inches long, pale yellow, heavily clouded crimson; flesh white; freestone; flavor good; season late.
146033. No. 8218. September 15, 1942. Fruit subglobose, 2¼ inches long, green, with maroon cheek; flesh green; flavor good.
146034. No. 8220. September 17, 1942. Fruit elongate, 2½ inches long, beaked, pale lemon washed crimson; flesh yellow white, slightly stained at pit; flavor excellent; season late.
146035. No. 8224. September 17, 1942. Fruit subglobose, 2¼ inches long, pale yellow, heavily washed crimson; flesh yellowish, stained at pit; flavor good; season late.

145996 to 146113—Continued

146036 to 146056. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

146036. No. 8162. August 5, 1942. Fruit globose, 10 inches long, pea green with narrow grass-green stripes; rind $\frac{3}{4}$ inch thick; flesh rose; flavor sweet; season early, ripening with the late apricots.
146037. No. 8163. August 6, 1942. Fruit globose, 7 inches long, sea green with leopard-spot grass-green nettings; rind $\frac{1}{2}$ inch thick; flesh rose; very seedy; quality good; season early.
146038. No. 8167. August 6, 1942. Fruit globose, 9 inches long, sea green lined irregularly darker; rind $\frac{1}{2}$ inch thick; flesh rose, sweet flavor, good; season early.
146039. No. 8170. August 7, 1942. Fruit globose, 9 inches long, sea green; rind $\frac{1}{2}$ inch thick; flesh yellow, flavor fair; season early.
146040. No. 8172. August 12, 1942. Fruit globose, 10 inches long, sea green with narrow, darker stripes; rind $\frac{1}{2}$ inch thick; flesh rose, sweet; flavor good.
146041. No. 8180. August 20, 1942. Fruit globose, 9 inches long, grass green; rind $\frac{1}{2}$ inch thick; flesh rose, sweet.
146042. No. 8187. August 28, 1942. Fruit globose, 9 inches long, sea green; rind $\frac{3}{4}$ inch thick; flesh pink at center and apricot to yellow at rind, sweet; quality good; seedy.
146043. No. 8196. September 4, 1942. Fruit globose, 9 inches long, pea green with narrow, darker stripes; rind $\frac{3}{4}$ inch thick; flesh apricot pink; flavor good.
146044. No. 8202. September 7, 1942. Fruit globose, 8 inches long, pea green, with broad, darker, irregular patch-stripes; rind $\frac{1}{2}$ inch thick; flesh pink; flavor good.
146045. No. 8206. September 9, 1942. Fruit globose, 11 inches long, black green, with broad, paler stripes; rind $\frac{1}{2}$ inch thick; flesh pale rose; flavor good.
146046. No. 8212. September 15, 1942. Fruit $8\frac{1}{2}$ by $5\frac{3}{4}$ inches thick, pea green marked darker; rind $\frac{1}{4}$ inch thick; flesh apricot pink, sweet; flavor good.
146047. No. 8217. September 15, 1942. Fruit globose, 9 inches long, grass green with paler leopard spots; rind $\frac{1}{2}$ inch thick; flesh pink; flavor fair.
146048. No. 8226. September 22, 1942. Fruit elongate, 9 by 7 inches, pea green, marked heavily darker; rind $\frac{1}{2}$ inch thick; flesh pink; flavor good.
146049. No. 8227. September 27, 1942. Fruit 17 by $6\frac{3}{4}$ inches, grass green with narrow, paler stripes; rind $\frac{1}{2}$ inch thick; flesh yellow, low in sugar; flavor good.
146050. No. 8228. September 30, 1942. Fruit globose, 9 inches long, equal stripes of pea and grass green; rind $\frac{1}{2}$ inch thick; flesh pink; flavor good.
146051. No. 8229. September 30, 1942. Fruit 11 by 6 inches, pea green; rind $\frac{1}{2}$ inch thick; flesh yellow; flavor good.
146052. No. 8232. September 30, 1942. Fruit 12 by 8 inches, equal stripes of pea and grass green; rind $\frac{1}{2}$ inch thick; flesh pink; flavor good.
146053. No. 8233. October 1, 1942. Fruit globose, 7 inches long, grass green with paler leopard spots; rind $\frac{1}{2}$ inch thick; flesh pink; flavor good.
146054. No. 8238. October 10, 1942. Fruit globose, 8 inches long, sea green with narrow darker stripes; rind $\frac{1}{2}$ inch thick; flesh rose; flavor good.

145996 to 146113—Continued

146055. No. 8239. October 11, 1942. Fruit globose, 8½ inches long, sea green; rind ½ inch thick; flesh pink; flavor good; winter sort.

146056. No. 8241. October 20, 1942. Fruit globose, 9½ inches long, pale green with narrow, darker ribs; rind ¼ to ½ inch thick; flesh handsome pink; quality excellent.

146057 to 146067. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

146057. No. 8158. August 3, 1942. Fruit flattened, 7 by 4 inches, deeply ribbed, heavily netted, gold blotched orange red; flesh 2 inches thick, white.

146058. No. 8168. August 6, 1942. Fruit elongate, 8 by 6 inches, closely netted, unribbed, gold yellow; flesh 2 inches thick, salmon, firm; flavor good; season early.

146059. No. 8178. August 20, 1942. Fruit 12 by 4½ inches, tapering at both ends, pale yellow, heavily netted; flesh 1½ inches thick, crisp, white, sweet.

146060. No. 8197. September 4, 1942. Fruit elongate, 9 by 7 inches, yellow, netted; flesh 1½ inches thick, white; flavor good; good keeper.

146061. No. 8200. September 5, 1942. Fruit globose, 7 inches long, heavily netted, yellow; flesh 1½ inches thick, white, sweet; fragrant and a good keeper.

146062. No. 8205. September 9, 1942. Fruit subglobose, 8½ inches long, yellow, coarsely netted; flesh 2 inches thick, white; flavor good; good keeper.

146063. No. 8210. September 11, 1942. Fruit somewhat flattened, 7½ by 9½ inches, golden yellow, coarsely netted; flesh 2¼ inches thick, white, sweet; good keeper.

146064. No. 8211. September 12, 1942. Fruit ovoid, 13 inches long, golden yellow, sparsely netted; flesh 2¼ inches thick, white, crisp, sweet.

146065. No. 8236. October 10, 1942. Fruit globose, 8 inches long, lemon and green, sparsely netted; flesh 2 inches thick, white, sweet.

146066. No. 8237. October 10, 1942. Fruit subglobose, 9 inches long, golden yellow, sparsely netted; flesh 2 inches thick, salmon, sweet; good keeper.

146067. No. 8240. October 18, 1942. Fruit flattened 7 by 9 inches, golden yellow, coarsely netted; flesh 2 inches thick, white, sweet; winter sort.

146068. FICUS sp. Moraceae.

Fig.

No. 8160. August 4, 1942. Fruit 2 inches long, red purple; flesh white; seeds tinged red purple; season early; quality good.

Nos. 146069 to 146082 were from Karaj, January 25, 1943.

146069 to 146081. LACTUCA SATIVA L. Cichoriaceae.

Garden lettuce.

146069. No. 8242.

146076. No. 8251.

146070. No. 8244.

146077. No. 8252.

146071. No. 8246.

146078. No. 8253.

146072. No. 8247.

146079. No. 8254.

146073. No. 8248.

146080. No. 8255.

146074. No. 8249.

146081. No. 8243.

146075. No. 8250.

146082. LACTUCA sp.

No. 8245.

145996 to 146113—Continued

146083 to 146094. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

146083. No. 8165. August 6, 1942. Fruit flattened, 3 inches in diameter, solid, carmine; flavor good.

146084. No. 8166. August 6, 1942. Fruit flattened, 2½ inches in diameter, solid, orange red; flavor good; a rare type.

146085. No. 8186. August 26, 1942. Fruit flattened, 1 to 2 inches in diameter, yellow; rare.

146086. No. 8190. September 1, 1942. Fruit pyriform, 2½ inches in diameter, pink; yields 50 percent more paste than flat sorts.

Nos. 146087 to 146094 were collected in Karaj on January 25, 1943.

146087. No. 8256. Fruit large; season early.

146088. No. 8257. *Tokyo*.146089. No. 8258. *Egyptian*.

146090. No. 8259. Fruit large, few seeded.

146091. No. 8260. Fruit of irregular shape, red.

146092. No. 8261. *Yellow Lemon*.146093. No. 8262. *Kabobi*.146094. No. 8263. *Round Lemon*.146095. *MORUS* sp. Moraceae.

No. 8199. September 5, 1942. Fruit subglobose, 1 inch in diameter, red black; flavor pleasantly acid.

146096 to 146103. *PRUNUS ARMENIACA* L. Amygdalaceae. Apricot.

146096. No. 8126. July 28, 1942. Fruit amygdaloid, 2 inches in diameter, yellow with deep red blush; flesh pale yellow, fiberless; flavor good.

146097. No. 8147. July 21, 1942. Fruit globose, 2 inches in diameter, yellow with red blush; flesh yellow, fiberless, sweet; flavor good; season late.

146098. No. 8151. July 23, 1942. Fruit subglobose, 1½ inches in diameter, yellow, pink with blush; flesh yellow, firm; flavor good, sweet; season late.

146099. No. 8152. July 24, 1942. Fruit amygdaloid, 2 inches in diameter, shapely, pale yellow, tinged pink on cheek; flesh white; flavor good; season late.

146100. No. 8153. July 28, 1942. Fruit amygdaloid, 2 inches in diameter, shapely, pale gold more or less with pink blush; flesh yellow; flavor good; season late.

146101. No. 8154. July 31, 1942. Fruit 1¾ inches in diameter, strongly compressed, golden yellow with red blush; flesh golden yellow, fiberless, sweet; season late.

146102. No. 8155. August 3, 1942. Fruits mixture of late-season types; mostly compressed, golden yellow with red blush; quality good.

146103. No. 8159. August 4, 1942. Fruit globose, 1½ inches in diameter, pale yellow with dark red blush; flesh white, fiberless, unusually sweet; season late.

146104 to 146106. *PRUNUS CERASIFERA* Ehrh. Myrobalan plum.

146104. No. 8156. August 3, 1942. Fruit subglobose, 2 inches in diameter, deep red purple; flesh yellow green; quality good.

146105. No. 8176. August 14, 1942. Fruit globose, 1¼ inches in diameter, deep red purple; flavor good.

146106. No. 8264. January 25, 1943. Fruit (when dry) globose, 1¼ inches in diameter, red black, fleshy; retains sweetness when cooked.

For previous introduction see 143393.

145996 to 146113—Continued

146107 to 146109. *PRUNUS DOMESTICA* L.

Common plum.

146107. No. 8265. January 25, 1943. Fruit subglobose, 1½ inches in diameter, dries black; fleshy, sweet.

146108. No. 8171. August 8, 1942. Fruit 1½ inches in diameter, red purple; quality good.

146109. No. 8183. August 24, 1942. Fruit globose, 1 inch in diameter glaucous blue black; flesh greenish; flavor good.

146110. *PRUNUS* sp.

No. 8234. October 1, 1942. Fruit ovoid, 1¼ inches in diameter, golden yellow; flavor good.

146111. *PRUNUS* sp.

No. 8235. October 5, 1942. Fruit ovoid, 1¾ inches in diameter, golden yellow; flavor good.

146112. *TRITICUM* sp. Poaceae.

No. 8267. February 3, 1943. An excellent wheat with flat broad heads up to 5¼ inches long, black and white; husk white.

146113. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

No. 8266. January 31, 1943. Cooks very quickly; flavor good.

146114 and 146115. *HEVEA BRASILIENSIS* (A. Juss.) Muell. Arg. Euphorbiaceae. Para rubber tree.

From Brazil. Seedlings presented by John T. Baldwin, Jr., Manãos. Received May 26, 1943.

146114. *Red bark.*

146115. *White bark.*

For previous introduction see 145040.

146116. *ZEA MAYS* L. Poaceae.

Corn.

From Argentina. Seeds presented by J. M. Andres, Institute de Genetica, Universidad de Buenos Aires, Buenos Aires. Received May 26, 1943.

$W \times 38A$.

146117. *MELINIS MINUTIFLORA* Beauv. Poaceae. Molasses grass.

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 27, 1943.

For previous introduction see 142211.

146118. *JUGLANS* sp. Juglandaceae.

From British Columbia. Trees purchased from the Gallatly Nut Nursery, Westbank. Received May 31, 1943.

146119. *HEVEA GUIANENSIS* Aubl. Euphorbiaceae.

From Brazil. Seedlings presented by the Bocca de Acre, Amazonas. Received June 2, 1943.

146120. *COMBRETUM* sp. Combretaceae.

From the Union of South Africa. Presented by M. A. Hein, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received May 27, 1943.

Vaal River tree. A large, handsome, slow-growing tree, which is very hardy and drought-resistant, and whose foliage turns to lovely red in the autumn.

146121 to 146123.

From Africa. Seeds presented by Mrs. E. Zoe Harris, Modder River, Cape Province. Received May 27, 1943.

146121. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

Mystery Bean. From Rhodesia.

146122. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.

Calabash. From Cape Province.

146123. *SWAINSONA* sp. Fabaceae.

A hardy biennial legume 2 to 3 feet in height, with attractive seed pods.

From Cape Province.

146124 to 146127.

From Western Australia. Seeds presented by the Department of Agriculture, Perth. Received May 31, 1943.

146124. *TRIFOLIUM CERNUUM* Brot. Fabaceae.

Clover.

Drooping-flowered clover. An annual clover, less than a foot high, with small heads of pale purplish flowers.

For previous introduction see 139259.

146125 to 146127. *TRIFOLIUM SUBTERRANEUM* L.

Subterranean clover.

146125. *Dwalganup.* An early variety.

146126. *Midseason.*

146127. *White Seeded.*

146128. TARAKTOGENOS KURZII King. Flacourtiaceae.

From the Canal Zone. Seeds presented by Walter R. Lindsay, Canal Zone Experiment Station, Summit. Received May 28, 1943.

For previous introduction see 105277.

146129. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From Brazil. Seeds presented by G. Weinschenck, through Erwin P. Keeler, Agricultural Attaché, Rio de Janeiro. Received June 4, 1943.

Paulista.

146130 to 146138. AMYGDALUS PERSICA L. Amygdalaceae.

Peach.

From California. Trees growing at the United States Plant Introduction Garden, Chico. Numbered June 9, 1943.

146130. Selection (D-30-35) from the Chinese peach, *Shau Thai*, P.I. 65821. An early blooming, vigorous, upright tree, with attractive semidouble flowers. The small-seeded fruit is freestone.

146131. Selection (D-8-2) from the Chinese peach, *Ngie*, P.I. 48694.

Numbers 146132 to 146136 are selections from varieties which were introduced from the Northwest Frontier Province, India.

146132. Selection (D-30-38) from P.I. 103797.

146133. Selection (F-1-105) from P.I. 103797.

146134. Selection (J-1-128) from the *Aru* peach, P.I. 116638.

146135. Selection (O-A-47) from the *Aru* peach, P.I. 116638.

146136. Selection (J-4-144) from P.I. 127323. A yellow-fleshed freestone variety.

146137. Selection (F-2-95) from a peach introduced from Tadzhikistan, Turkistan, P.I. 105057.

146138. Selection (F-2-21) from a peach introduced from Turtkul, Turkistan, P.I. 105056.

146139 to 146143. CHENOPODIUM QUINOA Willd. Chenopodiaceae.
Quinoa.

From Peru. Seeds presented by B. P. R. Moravsky, Dirección de Agricultura y Ganadería, Lima. Received June 9, 1943.

146139. *Amarilla*.

146140. *Blanca de Puno*.

146141. *Blanca Koavia*.

146142. *Morada*.

146143. *Rosada*.

146144 to 146170. ZEA MAYS L. Poaceae. Corn.

From Argentina. Seeds presented by Antonio Marino, Universidad de La Plata, La Plata. Received June 9, 1943.

146144. 42.26, selfed Maíz Colorado (Arg.).

146145. 42.34, selfed Maíz Colorado (Arg.).

146146. 42.61, selfed Maíz Colorado (Arg.).

146147. 42.129, selfed Maíz Colorado (Arg.).

146148. 42.145, selfed Maíz Colorado (Arg.).

146149. 42.281, selfed Maíz "Amargo"—IS111.

146150. 42.286, selfed "Amargo"—IS121.

146151. 42.306.

146152. 42.307, selfed (FQ111.32 \times F.Q 111.12), selfed.

146153. 42.320, selfed (BV113 \times F.Q 111.12), selfed.

146154. 42.324, selfed (BK112 \times "Amargo"), selfed.

146155. 42.334, selfed Maíz "Amargo," selfed.

146156. 42.337, selfed Maíz originally from Santos, Brazil.

146157. 42.385, selfed (AD332 \times "Rosduro"), selfed.

146158. 42.394, selfed (CH224 \times Creole F1), selfed.

146159. 42.406, selfed (DU311 \times Bukidvan), selfed.

146160. 42.446, selfed.

146161. 42.508, selfed Maíz Colorado (Arg.).

146162. 42.572, selfed Maíz Colorado Casilda (Arg.).

146163. 42.701, selfed KX11 (Segrega Tardios).

146164. 42.708, selfed KZ12 (Segrega Tardios).

146165. 42.768, selfed G.M 111 (Arg.).

146166. 42.772, selfed CE 441 (Arg.).

146167. 42.839, selfed BK112.1 (Arg.).

146168. 42.856, selfed BV112.2 (Arg.).

146169. 42.862, selfed BV411.1 (Arg.).

146170. 42.904, selfed CH222.1 (Arg.).

146171. ECLIPTA ALBA (L.) Hassk. Asteraceae.

From Indochina. Seeds presented by E. Poilane, Institut des Recherches Agronomique et Forestières, Langtram. Received June 2, 1943.

An annual, up to 3 feet high, with rough, hairy stems and white flower heads. The leaves are crushed and used for medicinal purposes in Indochina.

146172. CNIDOSCOLUS TEPIQUENSIS (Cost. & Gall.) Lundell. Euphorbiaceae.

From Mexico. Seeds collected by Floyd D. Ransom, Mexico City, in the San Blas District of Nayarit. Received June 2, 1943.

146173. PUYA sp. Bromeliaceae.

From Bolivia. Seeds presented by Dr. Martin Cárdenas, Universidad Autónoma "Simon Bolivar," Cochabamba. Received June 2, 1943.

Chuqui kayara. An arborescent perennial up to 8 m. high, found on stony slopes, and used by Indians in the manufacture of "pita," or fiber string.

146174 and 146175.

From British East Africa. Seeds presented by the American Consulate, Nairobi, Kenya. Received June 4, 1943.

146174. SANSEVIERIA sp. Liliaceae.

No. 9.

146175. SANSEVIERIA sp.

No. 10.

146176 to 146180. FRAGARIA. Rosaceae.

Strawberry.

From Saskatchewan. Seeds presented by A. J. Porter, Honeywood Nursery, Parkside. Received June 11, 1943.

146176. No. 1. *Sparta.* (Honeywood No. 1)

146177. No. 2. *August Beauty.* (Honeywood No. 2)

146178. No. 5. *Honeywood No. 18.*

146179. No. 6. *Honeywood No. 6.*

146180. No. 8. *Honeywood No. 8.*

146181 to 146192.

From Colombia. Seeds collected by F. R. Fosberg, Foreign Economic Administration, Washington, D. C. Received June 5, 1943.

146181. CACTUS sp. Cactaceae.

Collected in the valley of the Rio Cabrera between Nieva and Colombia.

146182. GOSSYPIUM sp. Malvaceae.**146183 to 146192. ZEA MAYS L. Poaceae.**

Corn.

146183. *Bata No. 1.*

146188. *Chucarima No. 4.*

146184. *Bata No. 2.*

146189. *Chucarima No. 5.*

146185. *Chucarima No. 1.*

146190. *Chucarima No. 6.*

146186. *Chucarima No. 2.*

146191. *Chucarima No. 7.*

146187. *Chucarima No. 3.*

146192. *Chucarima No. 8.*

146193 and 146194.

From Argentina. Seeds presented by Prof. Arturo Burkart, through H. H. Bartlett, American Embassy, Buenos Aires. Received June 5, 1943.

146193. GOSSYPIUM BARBADENSE L. Malvaceae.

Sea-island cotton.

A long-cultivated form.

146194. JUSTICIA LORENTZIANA Lindau. Acanthaceae.**146195 to 146226.**

From Central and South America and the East Indies. Seeds collected by Dr. David Fairchild, Coconut Grove, Fla. Numbered in June, 1943.

146195 to 146226—Continued

Unless otherwise mentioned the following were received as seeds.

146195. *CALOCARPUM VIRIDE* Pittier. Sapotaceae. Green sapote.

No. 1128. *Injerto*. From the market, Antigua, Guatemala, October 17, 1941. A large tree 30 feet high.

146196. *AIPHANES* sp. Phoenicaceae. Palm.

No. 1069. From the Market, Facatativa, Colombia, August 12, 1941. The bright-orange, edible fruits are $\frac{3}{4}$ inch in diameter.

146197. *ANTIGONON GUATIMALENSE* Meisn. Polygonaceae.

No. 1126. From Antigua, Guatemala, October 17, 1941. A handsome vine, with broader leaves and more numerous flowers than *A. leptopus*.

For previous introduction see 104211.

146198. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

No. 1131. From the market, Antigua, Guatemala, October 15, 1941. A handsome variety with dull-red, top-shaped fruits.

146199. *CEREUS* sp. Cactaceae.

No. 1037. From the market, Bogotá, Colombia, July 12, 1941. The edible, brilliant-red, oval fruits, 3 inches long, have juicy carmine-red flesh filled with small black seeds.

146200. (Undetermined.)

No. 236. Roots of a delicate vine with papery, white, delicate flowers and brilliant scarlet fruits 3 inches long by 1 inch in diameter.

146201. *DICTYOCARYUM FUSCUM* (Karsten) Wendl. Phoenicaceae. Palm.

No. 1061. From Villavicencio, Colombia, August 2, 1941. A handsome pinnate-leaved palm with stilt roots 3 to 4 feet long, and large recurved sheaths 3 feet or more long.

146202. *EUTERPE* sp. Phoenicaceae. Palm.

No. 1054. From Villavicencio, Colombia, August 2, 1941. A pinnate-leaved palm of attractive habit, with dark olive-green fruits.

146203. *HELICONIA PLATYSTACHYS* Baker. Musaceae.

No. 1017. From the Summit Gardens, Canal Zone, June 30, 1941. A large tropical herb with bananalike leaves, and pendent flower clusters 3 to 6 feet long; the yellow and red spathes are used for house decorations with striking effects.

146204. *MATISIA CORDATA* Humb. & Bonpl. Bombacaceae.

No. 1105. From the market, Maraquita, Colombia, September 28, 1941. A tree with large, roundish, pubescent leaves. The large fruits, up to 4 inches across and 3 inches long, enclose 4 or 5 seeds embedded in edible pulp.

146205. *MUSA ENSETE* Gmel. Musaceae. Abyssinian banana.

No. 1099. From between Facatativa and Alban, Colombia, September 27, 1941. Trunk 3 feet in diameter; fruits bananalike, yellow, 3 inches long, with soft, rather tasteless pulp.

For previous introduction see 51518.

146206. *PHOENIX DACTYLIFERA* L. Phoenicaceae. Date palm.

No. 1151. From Salamar, Guatemala, October 31, 1941. A date palm that grew from a seed of a commercial date; now about 25 years old.

For previous introduction see 124792.

146195 to 146226—Continued

146207. *PRUNUS CAPULI* Cav. Amygdalaceae.

Capulin.

No. 1079. From Bogotá, Colombia, August 1941.

For previous introduction see 131236.

146208. *RAPHIA TAEDIGERA* Mart. Phoenicaceae.

Palm.

No. 1143. From Port Limón, Costa Rica, October 11, 1941.

For previous introduction see 40804.

146209. *RENEALMIA* sp. Zingiberaceae.

No. 1006. From El Valle de Anton Cocle, Panamá, July 2, 1941. A handsome species with large, pinnately divided leaves 4 feet long, and tall cylindrical bunches of coral-pink fruits, each $\frac{3}{8}$ inch in diameter.

146210. (Undetermined.)

No. 352. From Mandiola Island, Moluccas, May 18, 1940. A scraggly, spiny tree which bears oblong light-yellow fruits $1\frac{1}{4}$ inches long, with sweetish pulp.

146211. *RHEEDIA* sp. Clusiaceae.

No. 1035. From Villavicencio, Colombia, July 1, 1941. *Mandroño*. Fruits with thick rind, enclosing white, edible, fibrous pulp that has a refreshing acid taste.

146212. *SOLANUM* sp. Solanaceae.

No. 1097. From near Rio Sucio, 100 km. from Medellín, Colombia, September 29, 1941. A tree 30 feet high with large, oblong, acuminate leaves, and fruits the size of walnuts.

146213. *TILLANDSIA PALLIDOFLORENS* Mez. Bromeliaceae.

No. 1152. From Guatemala City, Guatemala, October 4, 1941. Seed pods covered with a white powdery bloom.

146214. (Undetermined.)

No. 3430. From Koelawi, Celebes, March 30, 1940. An attractive herbaceous plant with dark-green, glossy leaves 1 foot long and 3 inches wide, and small, white, red-striped flowers on spikes about 2 feet long, followed by small, round, orange fruits 1 inch in diameter.

146215. (Undetermined.)

No. 3410. From Paloe, Celebes, March 20, 1940. A tree resembling in habit a very small apple tree, covered with numerous green-and-red apple-like fruits. These roundish fruits, about 1 inch in diameter, contain small black seeds in milky-white, bitter pulp.

146216. (Undetermined.)

No. 3444. From Donggala, Celebes, April 5, 1940. A bushy shrub with dark-green, oblong-ovate leaves 3 inches long, and small, bright lacquered berries $\frac{1}{4}$ inch long. The shrub resembles *Ligustrum*, and should make a good low hedge.

146217. (Undetermined.)

No. 3415. From Paloe, Celebes, March 22, 1940. A vine with large, dark-green, ovate, serrate leaves $2\frac{1}{2}$ inches wide and 5 inches long, and compact clusters of small bright-orange fruits.

146218. (Undetermined.)

No. 3442. From Donggala, Celebes, April 5, 1940. A small vine with attractive clusters of fragrant, short, trumpet-shaped flowers; these have a dark-red center and white petals.

146219. (Undetermined.)

No. 3429. From Koelawi, Celebes, March 30, 1940. A small scrubby tree with alternate, dark-green leaves 6 inches long and $2\frac{1}{2}$ inches broad, and red, much-ridged fruits 1 inch in diameter.

146195 to 146226—Continued

146220. (Undetermined.)

No. 3401. From Paloe, Celebes, March 22, 1940. A glossy-leaved spiny shrub up to 10 feet high with white flowers, the two upper petals purplish, and roundish fruits 2 inches in diameter. These fruits, when ripe, vary from green to red, blotched with brownish yellow.

146221. (Undetermined.)

No. 3462. From Masamba, Celebes, April 18, 1940. A small tree with large pale-green leaves $1\frac{1}{2}$ feet long, in whorls of three, and large, flesh-pink, flattened, roundish fruits $4\frac{1}{2}$ inches in diameter. The reddish, firm, edible pulp encloses oblong-triangular, winged seeds about 1 inch long.

146222. (Undetermined.)

No. 3446. From Donggala, Celebes, April 5, 1940. A vine with alternate, light-green, oblong leaves up to 8 inches long, and very small, glossy, white fruits in pendent clusters.

146223. (Undetermined.)

No. 283. From the Botanic Gardens, Buitenzorg, Java, April 7, 1940. A very slender dark-green cluster palm 20 feet high with widely separated truncate leaflets. The ovoid red fruits are about $\frac{1}{2}$ inch in diameter.

146224. (Undetermined.)

No. 3460. From Masamba, Celebes, April 17, 1940. A small tree, with pale-green acuminate leaves up to 8 inches long, and peculiar fruits, which, when ripe, open to resemble a star, exposing a cluster of orange seeds. (Plants.)

146225. (Undetermined.)

No. 378. From the island of Kohatola, near Halmahera, May 31, 1940. A low tree with leathery, pale-green, oval leaves about 10 inches long, funnel-shaped white flowers $3\frac{1}{2}$ inches long, and olive-green fruits $2\frac{1}{2}$ inches in diameter with orange-yellow flesh enclosing very numerous minute brown seeds.

146226. (Undetermined.)

No. 1117. From Gachancipá, Colombia, September 21, 1941, at 2,000 feet altitude. A plant resembling *Dasyllirion*, growing on a mud wall, and said to have attractive blue flowers. The old flower spike was 6 feet long.

146227. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received June 14, 1943.

146228 to 146253. AMYGDALUS PERSICA L. Amygdalaceae.

Peach.

From Maryland. Seedlings growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 15, 1943.

Selected seedlings of P.I. 104315.

146228. NC No. 1. Selection (F-4-16).

146229. NC No. 2. Selection (F-4-4).

146230. NC No. 3. Selection (F-4-7).

146231. NC No. 4. Selection (F-4-6).

146232. NC No. 5. Selection (F-4-17).

146233. NC No. 6. Selection (F-4-11).

146234. NC No. 7. Selection (F-4-32).

146235. NC No. 8. Selection (F-4-8).

146228 to 146253—Continued

146236. NC No. 9. Selection (F-4-35).
 146237. NC No. 10. Selection (F-4-36).
 146238. NC No. 11. Selection (F-4-3).
 146239. NC No. 12. Selection (F-3-128).
 146240. NC No. 13. Selection (F-4-31).
 146241. NC No. 14. Selection (F-4-33).
 146242. NC No. 15. Selection (F-4-19).
 146243. NC No. 16. Selection (F-4-10).
 146244. NC No. 17. Selection (F-3-129).
 146245. NC No. 18. Selection (F-4-1).
 146246. NC No. 19. Selection (F-4-18).
 146247. NC No. 20. Selection (F-4-2).
 146248. NC No. 21. Selection (F-4-28).
 146249. NC No. 22. Selection (F-4-13).
 146250. NC No. 23. Selection (F-4-15).
 146251. NC No. 24. Selection (F-3-120).
 146252. NC No. 25. Selection (F-4-12).
 146253. NC No. 26. Selection (F-3-130).

146254 and 146255.

From Illinois. Seeds presented by Charles A. Heath, Chicago. Received June 17, 1943.

146254. FELICIA ECHINATA Nees. Asteraceae.

Introduced under the varietal name "paralia," for which a place of publication has not been found. A soft-wooded, asterlike shrub with mauve flower heads; native to South Africa.

146255. SUTERA GRANDIFLORA (Galpin) Hiern. Scrophulariaceae.

A shrubby perennial 1½ to 3 feet high, with hispid, oval-oblong leaves up to 1 inch long, and numerous mauve flowers about 1 inch long in terminal racemes; native to the Transvaal.

146256. ELYTOSTACHYS TYPICA McClure. Poaceae. **Bamboo.**

From Venezuela. Seeds presented by C. J. Marvex, Valencia. Received June 17, 1943.

A recently described species of bamboo, native to Venezuela, growing to heights of 20 to 35 feet. It is a clump-forming bamboo, and the branching habit of the culm is verticillate.

146257. MEDICAGO SATIVA L. Fabaceae. **Alfalfa.**

From Argentina. Seeds presented by Dr. W. E. Cross, Estación Experimental Agrícola de Tucumán, Tucumán. Received June 18, 1943.

Variety *Inverniza* No. 3.

146258. TEPHROSIA NOCTIFLORA Bojer (*Cracca noctiflora* (Bojer) Kuntze). Fabaceae.

From Argentina. Seeds presented by Enrique F. Schultz, Estación Experimental Agrícola de Tucumán, Tucumán. Received June 17, 1943.

A bushy, brown, hairy plant with compound leaves about 4 inches long, and lax terminal racemes of reddish flowers that open late in the afternoon. It is cultivated as a cover crop and is native to tropical Africa.

For previous introduction see 106954.

146259. *QUERCUS* sp. Fabaceae.

From Costa Rica. Seeds collected by Col. Arthur F. Fisher, Executive Director, American Cinchona Plantations. Received June 21, 1943.

146260. *CNIDOSCOLUS ELASTICUS* Lundell. Euphorbiaceae.

From Mexico. Seeds collected by C. L. Lundell, Southern Methodist University, Dallas, Tex. Received June 17, 1943.

Cucaracho. From Otaes, Durango, April 26, 1943.

146261 to 146266.

From Mexico. Seeds collected by E. Locke, Acapulco, Guerrero. Received June 17, 1943.

146261. *ARISTOLOCHIA* sp. Aristolochiaceae.

Flowers velvety black and yellow.

146262. *CALLIANDRA* sp. Mimosaceae.146263. *CORDIA ELAEAGNOIDES* DC. Boraginaceae.

Gueramo. An excellent evergreen shade tree, 20 to 30 feet high, with elliptic leaves like those of *Ligustrum japonicum*, and small, creamy-white flowers from November to January; native to Mexico.

146264. *IPOMOEA ARBORESCENS* (Willd.) Don. Convolvulaceae.

A tree with smooth white bark and showy white flowers about 2 inches long, which cover the tree when leafless.

For previous introduction see 103932.

146265. *PASSIFLORA MEXICANA* A. Juss. Passifloraceae.146266. *TABEBUIA* sp. Bignoniaceae.

A large climber; at Christmastime it is covered with pale-purple, trumpet-shaped flowers 2 inches long.

146267 to 146269.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received June 5, 1943.

146267. *PAPPOPHORUM* sp. Poaceae.

Grass.

146268. *PENNISETUM CILIARE* (L.) Link (*P. cenchroides* Rich.). Poaceae.

Grass.

For previous introduction see 145783.

146269. *SORGHUM* sp. Poaceae.

Grass.

146270 and 146271.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 3, 1943.

146270. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.

Bushclover.

For previous introduction see 90551.

146271. *LESPEDEZA STRIATA* (Thunb.) Hook & Arn.

Bushclover.

For previous introduction see 135599.

146272 to 146284. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 3, 1943.

146272. *Chevron*.

146273. C.I. No. 4821 (unnamed).

146272 to 146284—Continued

- 146274. *Kwan*.
- 146275. C.I. No. 3902-1 (unnamed).
- 146276. *Trebi*.
- 146277. *Wisconsin Barbless*.
- 146278. *Atlas*.
- 146279. *Ezond*.
- 146280. *Beecher*.
- 146281. Composite Cross VI 6621.
- 146282. Composite Cross VII 6622.
- 146283. Composite Cross XII 6725.
- 146284. Composite 6201.

146285 to 146297.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

- 146285 to 146295. NICOTIANA TABACUM L. Solanaceae. Common tobacco.
- 146285. *Bonanza* (flue-cured).
- 146286. *Cash* (flue-cured).
- 146287. *Comstock Spanish* (cigar).
- 146288. *Connecticut Broadleaf* (cigar).
- 146289. *Connecticut Havana* (cigar).
- 146290. Improved, one sucker.
- 146291. *Lizard Tail Orinoco*.
- 146292. *Lockwood* (white burley).
- 146293. *Maryland Broadleaf*.
- 146294. *Rootrot Resistant* (white burley).
- 146295. *White Stem Orinoco* (flue-cured).
- 146296 and 146297. NICOTIANA RUSTICA L. Aztec tobacco.
- 146296. *Brazilia*.
- 146297. *Olson 68*.

For previous introduction see 116143.

146298 to 146300. LINUM USITATISSIMUM L. Linaceae. Flax.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

- 146298. *J. Lord*.
- 146299. *Martin*.
- 146300. *Wonder*.

For previous introduction see 138732.

146301. ARUNDINARIA TECTA (Walt.) Muhl. Poaceae. Bamboo.

From Florida. Plants presented by Julian Nally, Gotha. Received March 10, 1938.

Plants growing at the United States Plant Introduction Garden, Savannah, Ga. Numbered in July 1943.

146302 to 146322.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

146302 to 146320. *HORDEUM VULGARE* L. Poaceae.

Barley.

146302. *Atlas*, CI 4118.

146303. *Atsel*, CI 6250.

146304. *Beecher*, CI 6566.

146305. *California Mariout*, CI 1455.

146306. *Carre 26*, CI 3386.

146307. *Chevron*, CI 1111.

146308. *Chile Brewing*, CI 657.

146309. *Club Mariout*, CI 261.

146310. *Flynn*, CI 1311.

146311. *Kwan*, CI 1016.

146312. *Modia*, CI 2483.

146313. *Palmella Blue*, CI 3601.

146314. *Psaknon*, CI 6305.

146315. *Trebi*, CI 936.

146316. *Vaughan*, CI 1367.

146317. Unnamed, CI 4821.

146318. Unnamed, CI 3902-1.

146319. Unnamed, CI 4975.

146320. Unnamed, CI 3704.

146321 and 146322. *HORDEUM*.

Barley.

146321. Composite VI F₃, CI 6621.

146322. Composite Cross XII F₃, CI 6725.

146323 to 146332. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

146323. *Arksoy*. Grown in South Carolina.

146324. *Bansei*. Grown in Maryland.

146325. *Boone*. Grown in Missouri.

146326. *Dunfield*. Grown in Illinois.

146327. *Illini*. Grown in Illinois.

146328. *Lincoln*. Grown in Illinois.

146329. *Mingo*. Grown in Ohio.

146330. *Ogden*. Grown in South Carolina.

146331. *Patoka*. Grown in Indiana.

146332. *Richland*. Grown in Indiana.

146333 to 146382.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 8, 1943.

Nos. 146333 to 146349. Spring wheats grown in Montana and South Dakota.

146333 and 146334. TRITICUM. Poaceae. Wheat.

146333. *Ceres-Hope-Florence* (2829).

146334. *Hope* × *Thatcher* (1597).

146335 and 146336. TRITICUM AESTIVUM L. Common wheat.

146335. *McMurachy*.

146336. *Merit*.

146337. TRITICUM. Wheat.

Merit × *Thatcher* (1597).

146338 to 146349. TRITICUM AESTIVUM L. Common wheat.

146338. *Marquis*.

146344. *Thatcher*.

146339. *Newthatch*.

146345. *Vesta*.

146340. *Regent*.

146346. Nursery No. 1703.

146341. *Renown*.

146347. Nursery No. 1750.

146342. *Rival*.

146348. Nursery No. 1792.

146343. *Premier*.

146349. Nursery No. 1828.

146350 to 146366 were grown at Fargo, N. Dak. in 1942.

146350 to 146352. TRITICUM. Wheat.

146350. *Ceres-Hope-Florence* (2742).

146351. *Ceres-Hope-Florence* (2829).

146352. *Hope* × *Thatcher*.

146353 and 146354. TRITICUM AESTIVUM L. Common wheat.

146353. *McMurachy*.

146354. *Merit*.

146355. TRITICUM. Wheat.

Merit × *Thatcher*.

146356 to 146366. TRITICUM AESTIVUM L. Common wheat.

146356. *Premier*.

146362. Nursery No. 1792.

146357. *Regent*.

146363. Nursery No. 1826.

146358. *Thatcher*.

146364. Nursery No. 1828.

146359. *Vesta*.

146365. Nursery No. 1835.

146360. Nursery No. 1750.

146366. Nursery No. 1836.

146361. Nursery No. 1774.

146367 to 146382. ZEA MAYS L. Poaceae. Corn.

Inbred lines of dent corn.

146371. C. I. 43.

146367. C. I. 2.

146372. C. I. 187-2.

146368. C. I. 7.

146373. Illinois Hybrid.

146369. C. I. 11b.

146374. Indiana W F 9.

146370. C. I. 41.

146375. Indiana 33-16.

146333 to 146382—Continued

146376. Indiana 38-11.

146380. Tennessee T 10 B.

146377. Iowa L 317.

146381. Tennessee T 18 C.

146378. Kansas K 4.

146382. Tennessee J 8-6 G.

146379. Kys.

146383. CNIDOSCOLUS CHAYAMANSA McVaugh. Euphorbiaceae.

From Florida. Cuttings presented by Dr. David Fairchild, Coconut Grove, through Dr. W. T. Swingle, United States Department of Agriculture. Received July 8, 1943.

Chaya. Received as *Jatropha urens* var. *inermis*, a name of uncertain botanical standing. Used in Cuba, where it originated, and in Mexico as a leafy vegetable.

146384. SOLANUM AVICULARE Forst. f. Solanaceae.

From New Zealand. Seeds presented by Mrs. F. M. Blamires, Urubane, Waimate. Received July 9, 1943.

For previous introduction see 124642.

146385 to 146407.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 9, 1943.

146385. TRIFOLIUM DUBIUM Sibth. Fabaceae.
F. C. 22524.

146386. TRIFOLIUM PRATENSE L. Red clover.
Midland, F. C. 31226.

146387. TRIFOLIUM REPENS L.
F. C. 22794.

146388 to 146390. MEDICAGO SATIVA L. Fabaceae. Alfalfa.
146388. Grown in Arizona.
146389. Grown in Kansas.
146390. Grown in Oklahoma.

146391. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.
Spanish sweetclover.

146392. MELILOTUS INDICA (L.) All. Sweetclover.

146393. MELILOTUS OFFICINALIS (L.) Lam. Yellow sweetclover.
Madrid sweetclover.

146394. MELILOTUS TAURICA (Bieb.) Seringe. Sweetclover.
For previous introduction see 67510.

146395. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. Crested wheatgrass.
F. C. 22,755. (South Dakota.)

146396. AGROPYRON SMITHII Rydb. Grass.
For previous introduction see 115296.

146397. AGROPYRON TRACHYCAULUM (Link) Malte. Grass.

146398. BOUTELOUA CURTIPENDULA (Michx.) Torr. Poaceae. Grass.
For previous introduction see 111266.

146385 to 146407—Continued

146399 and 146400. *BOUTELOUA GRACILIS* (H.B.K.) Lag. Grass.

146399. F. C. 22,616. (North Dakota.)

146400. F. C. 29,733. (Kansas.)

For previous introduction see 127958.

146401 and 146402. *BROMUS INERMIS* Leyes. Poaceae. Smooth brome-grass.

146401. B-5 (U.G.N. Washington.)

146402. F. C. 22,858. (South Dakota.)

146403. *BROMUS MARGINATUS* Nees. Grass.

For previous introduction see 136317.

146404. *FESTUCA OVINA* L. Poaceae. Sheep fescue.

F. C. 22,844. (New York.)

For previous introduction see 119648.

146405. *ORYZOPSIS HYMENOIDES* (Roem. & Schult.) Ricker. Poaceae. Grass.

For previous introduction see 125059.

146406. *POA BULBOSA* L. Poaceae. Grass.

For previous introduction see 141486.

146407. *FESTUCA ELATIOR* var. *ARUNDINACEA* (Schreb.) Wimm. Poaceae. Grass.

For previous introduction see 136340.

146408 to 146419.

From Chile. Seeds presented by Carlos Junge, Director, Jardín Zoológico, Concepción. Received July 1, 1943.

146408. *BACCHARIS RACEMOSA* DC. Asteraceae.

146409. *CESTRUM PARQUI* L'Her. Solanaceae. Chilean cestrum.

For previous introduction see 144437.

146410. *ESCALLONIA PULVERULENTA* (Ruiz & Pav.) Pers. Escalloniaceae.

For previous introduction see 144475.

146411. *LAPAGERIA ROSEA* Ruiz & Pav. Liliaceae. Red Chile-bells.

For previous introduction see 144514.

146412. *MEDICAGO ARABICA* (L.) Fabaceae. Medic.

For previous introduction see 119020.

146413. *MUEHLENBECKIA CHILENSIS* Meissn. Polygonaceae.

A stout shrub, with leathery-fleshy triangular or ovate-oblong leaves about 1 inch long, and inconspicuous whitish flowers in axillary racemes. Native to Chile.

146414. *NEOPORTERIA SUBGIBBOSA* (Haw.) Britt. & Rose. Cactaceae.

A cactus of cylindric form, usually 1 foot high, sometimes much higher; very spiny, with numerous ribs. The abundant light-pink flowers are 1½ inches long, arising from the center of the plant. Native to Chile.

146415. *POLYPOGON AUSTRALIS* Brongn. Poaceae. Grass.

A perennial grass up to 3 feet high, with dense, bristly panicles 3 to 6 inches long. Native to Chile and Argentina.

146416. *SANICULA LIBERTA* Cham. & Schl. Apiaceae.

A stout perennial about 2 feet high, with deeply 5-parted dark-green leaves about 4 inches across and small umbels of yellow flowers. Native to Chile.

146408 to 146419—Continued

146417. *SENECIO HUALTATA* DC. Asteraceae.

A large stout perennial about 5 feet high, with the lower hastate leaves more than 1 foot long, and the lanceolate stem leaves much smaller. The straw-colored flower heads are in dense corymbs. Native to Chile.

146418. *SOLENOMELUS PEDUNCULATUS* (Gillies) Hochr. Iridaceae.

An iridaceous plant from South Africa, very similar in habit to *Sisyrinchium*. It is about 1 foot high, with yellow flowers 1 inch long.

146419. *VILLARESIA CHILENSIS* (Molina) Stuntz. Icacinaceae.

For previous introduction see 28116.

146420. *PHYLLOSTACHYS BAMBUSOIDES* Sieb. & Zucc. Poaceae.**Bamboo.**

From China. Collected in Kwangtung Province in 1925, by F. A. McClure, Bureau of Plant Industry, Soils, and Agricultural Engineering. Plants growing at the United States Barbour Lathrop Plant Introduction Garden, Savannah. Numbered in 1943.

Variety *Slender Crookstem*. A distinct horticultural variety with slender culms, usually with a curve in the lower part, becoming 48 feet or more high. Sprouting in the spring begins about 10 days earlier than in the typical form of the species. The long slender culms are especially well adapted for use in harvesting nuts.

146421. *MENTHA ARVENSIS* var. *PIPERASCENS* Malinv. Mentha-
ceae. **Japanese mint.**

From Maryland. Seeds obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 13, 1943.

For previous introduction see 81646.

146422 to 146442. *PISUM SATIVUM* L. Fabaceae. **Common pea.**

From Michigan. Seeds purchased from the Ferry-Morse Seed Co., Detroit. Received July 13, 1943.

146422. *Alaska*, wilt-resistant.146434. *Dwarf Telephone* or *Daisy*.146423. *American Wonder*.146435. *Giant Stride* (wilt-resistant).146424. *Gradus*.146436. *McLean's Advancer* or *Perfection*.146425. *Hundred-fold*.146426. *Laxtonian* (Blue Bantam).146437. *Morse's Market*.146427. *Laxton's Progress*.146438. *Telephone* (dark-podded).146428. *Little Marvel*.146439. *Improved Stratagem* or *Potlatch*.146429. *Nott's Excelsior*.146430. *Premium Gem*.146440. *Large White Marrowfat*.146431. *Thomas Laxton*.146441. *Dwarf Gray Sugar* (wilt-resistant).146432. *Alderman*.146442. *Melting Sugar*.146433. *Bliss' Everbearing*.146443 to 146511. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.
Tomato.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 13, 1943.

146443. *Ailsa Craig*.146445. *Bloomingdale Early*.146444. *Beefsteak*, Acc. 3964.146446. *Bloomingdale Late*.

146443 to 146511—Continued

- | | |
|---|---|
| 146447. <i>Bloomington Mid-season.</i> | 146480. <i>Marglobe.</i> |
| 146448. <i>Bloomington Self-topper.</i> | 146481. <i>Market King.</i> |
| 146449. <i>Bo-Kay.</i> | 146482. <i>Marvana.</i> |
| 146450. <i>Bonny Best.</i> | 146483. <i>Marvel.</i> |
| 146451. <i>Bounty.</i> | 146484. <i>Marvelosa.</i> |
| 146452. <i>Break O'Day.</i> | 146485. <i>Matchless.</i> |
| 146453. <i>Brown Special.</i> | 146486. <i>Mildglobe.</i> |
| 146454. <i>Cardinal King.</i> | 146487. <i>Mingold.</i> |
| 146455. <i>Clark's Early.</i> | 146488. <i>Minute-Men.</i> |
| 146456. <i>Cleo.</i> | 146489. <i>Newell.</i> |
| 146457. <i>Columbia.</i> | 146490. <i>Norduke.</i> |
| 146458. <i>Dixie.</i> | 146491. <i>Norton.</i> |
| 146459. <i>Dwarf Red.</i> | 146492. <i>Pan America.</i> |
| 146460. <i>Earliana.</i> | 146493. <i>Pearson Late Shipper.</i> |
| 146461. <i>Essar.</i> | 146494. <i>Ponderosa.</i> |
| 146462. <i>Essex Wonder.</i> | 146495. <i>Porter.</i> |
| 146463. <i>Florida Purple Stem.</i> | 146496. <i>Pritchard.</i> |
| 146464. <i>Glick's 0.36.</i> | 146497. <i>Royal Wonder.</i> |
| 146465. <i>Glick's Colco.</i> | 146498. <i>Ruby Queen.</i> |
| 146466. <i>Burpee's Globe.</i> | 146499. <i>Rutgers.</i> |
| 146467. <i>Glovel.</i> | 146500. <i>San Marzano.</i> |
| 146468. <i>Golden Dawn.</i> | 146501. <i>Sensation.</i> |
| 146469. <i>Golden Sunrise.</i> | 146502. <i>Stokerdale.</i> |
| 146470. <i>Greater Baltimore.</i> | 146503. <i>Supreme Early.</i> |
| 146471. <i>Grothen's (Red) Globe.</i> | 146504. <i>Sweetmeat.</i> |
| 146472. <i>Gulf State Market.</i> | 146505. <i>Table Talk.</i> |
| 146473. <i>Illinois 120-35-40N.</i> | 146506. <i>Utah Valley.</i> |
| 146474. <i>Illinois Pride.</i> | 146507. <i>Valiant.</i> |
| 146475. <i>Indiana Baltimore.</i> | 146508. <i>Vetomold.</i> |
| 146476. <i>Jubilee.</i> | 146509. <i>Victor.</i> |
| 146477. <i>King of All.</i> | 146510. <i>Wasatch Beauty.</i> |
| 146478. <i>Kondine Red.</i> | 146511. <i>W.S.C. 50 (forcing variety).</i> |
| 146479. <i>Landreth.</i> | |

146512. CHUKRASIA TABULARIS A. Juss. Meliaceae.

From Florida. Seeds presented by Edwin A. Menninger, Stuart. Received July 14, 1943.

A large timber tree with pinnate leaves about 1 foot long, and small yellowish or red flowers in short erect panicles. Native to western India. The tree is the source of the commercial timber known as chickrassy.

146513 to 146518. LYCOPERSICON ESCULENTUM Mill. Solanaceae.
Tomato.

From Pennsylvania. Seeds purchased from the W. Atlee Burpee Co., Philadelphia. Received July 14, 1943.

146513. *Burpee's Globe.*
146514. *Gulf State Market.*

146513 to 146518—Continued

146515. *Early Baltimore* (tested at Fordhook).146516. *Greater Baltimore* (tested at Fordhook).146517. *Michigan State Forcing*.146518. *Stone* (certified stock).

146519 to 146553.

From South Carolina. Seeds presented by B. L. Wade, Charleston. Received July 15, 1943.

146519. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
T 2.

146520. *LYCOPERSICON PIMPINELLIFOLIUM* (Jusl.) Mill. Currant tomato.
T 6-02-M6.

146521 to 146552. *LYCOPERSICON ESCULENTUM* Mill. Tomato.

146521. T 6-7. 146537. T 245-2-0-1-M 1.

146522. T 30-M2. 146538. T 384-M5.

146523. T 31. 146539. T 414.

146524. T 34. 146540. T 510-S 1.

146525. T 35. 146541. T 780.

146526. T 45. 146542. T 781-M 1.

146527. T 52. 146543. T 795-M 1.

146528. T 54. 146544. T 812-C R.

146529. T 80. 146545. T 814-M 1.

146530. T 82. 146546. T 817-M 1.

146531. T 97. 146547. T 829-M 1.

146532. T 99. 146548. T 836-M 1.

146533. T 202-42-2. 146549. T 882-M 2.

146534. T 207-M 1. 146550. T 973.

146535. T 211. 146551. T 1005.

146536. T 214. 146552. T 1027-M 1.

146553. *LYCOPERSICON PERUVIANUM* (L.) Mill.
T 549.

146554. *PARTHENIUM ARGENTATUM* A. Gray. Asteraceae. Guayule.

From California. Seeds presented by the Guayule Emergency Rubber Project, Salinas. Received July 16, 1943.

146555 to 146565. *SORGHUM VULGARE* Pers. Poaceae. Sorghum.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 17, 1943.

146555. *Ajax*. 146561. *Red Kafir*, C.I. 34.

146556. *Atlas*, C.I. 899. 146562. *Sagrain*.

146557. *Grohoma*, C.I. 920. 146563. *Sharon Kafir*.

146558. *Hegari*, C.I. 750. 146564. *Sumac*.

146559. *Kansas Orange*. 146565. *White African*.

146560. *Leoti*.

146566 to 146569. CITRUS SINENSIS (L.) Osbeck. Rutaceae.

Orange.

From Florida. Budsticks presented by Dr. F. E. Gardner, Subtropical Fruit Field Station, Orlando. Received July 17, 1943.

146566. "Paradise" navel. Top-shaped type with encased navel.

146567. "Paradise" navel. Selected budwood from tree grafted on sour orange.

146568. "Paradise" navel. Selected budwood from tree producing small fruit.

146569. "Paradise" navel. Type tree.

146570 to 146573. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. **Yam-bean.**

From El Salvador. Seeds presented by Leopoldo Barrientos, Director, Centro Nacional de Agronomía, Ministerio de Agricultura, La Ceiba. Received July 14, 1943.

146570. From La Ceiba.

146571. From Santa Ana.

146572. From Tonacatepeque. Color olive.

146573. From Tonacatepeque. Red seed.

146574 to 146578. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From California. Seeds purchased from the Ferry-Morse Seed Co., San Francisco. Received July 22, 1943.

146574. *Bison*.

146577. *Livingston's Globe*.

146575. *Greater Baltimore*.

146578. *Rutgers*.

146576. *Gulf State Market*.

146579. DIOSPYROS sp. Diospyraceae.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville, Maryland. Received July 23, 1943.

From Quajara-Mirim, Mato Grosso.

146580. HERBERTIA sp. Iridaceae.

From Brazil. Seeds presented by Dr. W. A. Archer, Cruz Alta. Plants now growing at Glenn Dale, Md. Numbered July 23, 1943.

146581. CARICA PAPAYA L. Papayaceae. **Papaya.**

From Texas. Seeds presented by J. F. Wood, Texas Experiment Station, Weslaco. Received July 23, 1943.

Solo.

146582. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From Michigan. Seeds presented by Prof. K. C. Barrons, Agricultural Experiment Station, East Lansing. Received July 23, 1943.

146583. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. **Kudzu-bean.**

From Maryland. Seeds presented by the Soil Conservation Service, United States Department of Agriculture. Received July 27, 1943.

Grown at Thorsby, Ala.

For previous introduction see 91555.

146584 to 146618.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received July 27, 1943.

A collection from the State of Amazonas.

146584. *ANNONA* sp. Annonaceae.

From Boca do Acre, May 18, 1943.

146585. *ANNONA MURICATA* L.

Soursop.

From Labrea, May 23, 1943.

146586. *ATTALEA* sp. Phoenicaceae.

Palm.

From Labrea, May 23, 1943.

146587. *ATTALEA* sp.

From Labrea, May 23, 1943.

146588. *ASTROCARYUM* sp. Phoenicaceae.

Palm.

From Labrea, May 23, 1943.

146589. *BYRSONIMA* sp. Malpighiaceae.

From Porto Velho, May 6, 1943. Edible fruits.

146590. *BYRSONIMA* sp.

From Porto Velho, May 11, 1943. Treelet.

146591. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae.

Jackbean.

From Porto Velho, May 9, 1943.

146592. *CROTALARIA* sp. Fabaceae.

From Porto Velho, May 6, 1943.

146593. *CROTALARIA* sp.

From Porto Velho, May 6, 1943.

146594. *CYPHOMANDRA* sp. Solanaceae.

From Boca do Acre, May 18, 1943.

146595. *DESMONCUS* sp. Phoenicaceae.

Palm.

From Labrea, May 23, 1943.

146596. *DIALIUM* sp. Caesalpiniaceae.

From Porto Velho, May 11, 1943. A leguminous tree with pods like those of tamarind.

146597. *EUTERPE* sp. Phoenicaceae.

Palm.

From Labrea, May 23, 1943.

146598. *FICUS* sp. Moraceae.

From Labrea, May 23, 1943.

146599. *ILEX* sp. Aquifoliaceae.

From Porto Velho, May 8, 1943.

146600. *IPOMOEA* sp. Convolvulaceae.

From Porto Velho, May 7, 1943.

146601. *IPOMOEA* sp.

From Labrea, May 22, 1943.

146602. *LUCUMA* sp. Sapotaceae.

From Boca do Acre, May 17, 1943.

146584 to 146618—Continued

146603. MELANOXYLON sp. Caesalpiniaceae.

From Porto Velho, May 10, 1943.

146604. MUCUNA sp. Fabaceae.

From Porto Velho.

146605. MUCUNA sp.

From Boca do Acre, May 17, 1943.

146606. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze).
Fabaceae. Yam-bean.

From Labrea, May 23, 1943.

For previous introduction see 146573.

146607. PASSIFLORA sp. Passifloraceae.

From Boca do Acre, May 15, 1943.

146608. PASSIFLORA sp.

From Porto Velho, May 11, 1943.

146609. PASSIFLORA sp.

From Labrea, May 23, 1943.

146610. PAULLINIA sp. Sapindaceae.

From Labrea, May 23, 1943. Vine.

146611. SECURIDACA sp. Polygalaceae.

From Porto Velho, May 9, 1943. Shrub.

146612. SENECIO sp. Asteraceae.

From Labrea, May 20, 1943.

146613. SMILAX sp. Smilacaceae.

From Labrea, May 21, 1943.

146614. SOLANUM sp. Solanaceae.

From Porto Velho, May 8, 1943.

146615. SOLANUM sp.

From Porto Velho, May 9, 1943.

146616. SOLANUM sp.

From Porto Velho, May 10, 1943.

146617. STIZOLOBIUM sp. Fabaceae.

From Porto Velho, May 9, 1943. A cultivated legume.

146618. VIGNA SINENSIS (Torner) Savi. Fabaceae.

Cowpea.

From Porto Velho, May 10, 1943.

146619 to 146661. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 29, 1943.

146619. *Agate*.146624. *Boone*.146620. *Aoda*.146625. *Burnette*.146621. *Arkan*.146626. *Cherokee*.146622. *Arksoy*.146627. *Chusei*.146623. *Bansei-1*.146628. *Dunfield*.

146619 to 146661—Continued

146629. <i>Easycook</i> .	146646. <i>Mt. Carmel</i> .
146630. <i>Edsoy</i> .	146647. <i>Ogden</i> .
146631. <i>Fuji</i> .	146648. <i>Ontario</i> .
146632. <i>Georgian</i> .	146649. <i>Osaya</i> .
146633. <i>Giant Green</i> .	146650. <i>Pagoda</i> .
146634. <i>Gibson</i> .	146651. <i>Palmetto</i> .
146635. <i>Habaro</i> .	146652. <i>Patoka</i> .
146636. <i>Hahto-20</i> .	146653. <i>Ral soy</i> .
146637. <i>Hakote</i> .	146654. <i>Richland</i> .
146638. <i>Higan-B</i> .	146655. <i>Rokusun-25-A</i> .
146639. <i>Jogun</i> .	146656. <i>Seminole</i> .
146640. <i>Kanro</i> .	146657. <i>Seneca</i> .
146641. <i>Lincoln</i> .	146658. <i>Sousei-2-W</i> .
146642. <i>Magnolia</i> .	146659. <i>Toku</i> .
146643. <i>Midwest</i> .	146660. <i>Volstate</i> .
146644. <i>Monetta</i> .	146661. <i>Yelrede</i> .
146645. <i>Morse</i> .	

146662. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Hawaii. Tubers presented by the Hawaiian Experiment Station, Honolulu. Received July 29, 1943.

Portuguese Purple.

146663. HORDEUM DISTICHON L. Poaceae. **Grass.**

From Australia. Seeds presented by S. L. Macindoe, Plant Breeding Branch, Department of Agriculture, Sydney, New South Wales. Received August 2, 1943.

"Research barley."

146664. ALEURITES TRISPERMA Blanco. Euphorbiaceae.

Banucalag.

From Puerto Rico. Seeds presented by Dr. Kenneth A. Bartlett, Agricultural Experiment Station, Mayagüez. Received August 10, 1943.

A Philippine tree 30 to 50 feet high, with heart-shaped leaves and rounded, 3-angled fruits about 2 inches in diameter. The oil obtained from the seeds resembles tung oil, but is somewhat slower in drying.

For previous introduction see 143845.

146665 to 146676.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 13, 1943.

146665. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae.

Crested wheatgrass.

Grown in Montana.

146666. AGROPYRON ELONGATUM (Host) Beauv.

Grass.

Grown in Washington.

146667. AGROPYRON INTERMEDIUM (Host) Beauv.

Grass.

Grown in Washington.

146665 to 146676—Continued

146668. *AGROPYRON TRACHYCAULUM* (Link) Malte. Grass.
Grown in Utah.

146669. *ELYMUS* sp. Poaceae. Grass.
Grown in Utah.

146670. *FESTUCA KINGII* Cassidy. Poaceae. Spike fescue.
Grown in Utah.

For previous introduction see 125050.

146671. *LUPINUS ALPESTRIS* A. Nels. Fabaceae.
Grown in Utah.

146672. *ORYZOPSIS HYMENOIDES* (Roem. & Schult.) Ricker. Poaceae. Grass.
Grown in Montana.

For previous introduction see 146405.

146673. *POA PRATENSIS* L. Poaceae. Kentucky bluegrass.
Grown in Utah.

146674. *STIPA COLUMBIANA* Macoun. Poaceae. Grass.
Grown in Utah.

146675. *STIPA LETTERMANI* Vasey. Grass.
Grown in Utah.

146676. *VIGUIERA MULTIFLORA* (Nutt.) Blake. Asteraceae.
Grown in Utah.

146677 to 146681. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.
Tomato.

From Connecticut. Seeds purchased from Associated Seed Growers, New Haven. Received August 13, 1943.

146677. *Essary*.

146678. *Indiana Certified Baltimore*.

146679. No. 113.

146680. *Improved Stone*.

146681. *Red Cap*.

146682 to 146684.

From Australia. Seeds presented by F. H. Baker, Richmond. Received August 4, 1943.

146682. *ACACIA* sp. Mimosaceae.

146683. *BRACHYSEMA LANCEOLATUM* Meissn. Fabaceae.

A shrub 2 to 3 feet high, with usually opposite, coriaceous silvery-pubescent, lanceolate leaves 1 to 4 inches long, and small red flowers, solitary or in small clusters. Native to Western Australia.

146684. *HARDENBERGIA* sp. Fabaceae.

Introduced under the name "*violacea* var. *frutescens*," for which a place of publication has not been found.

146685 to 146689.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received August 18, 1943.

146685. *PINUS BANKSIANA* Lamb. Pinaceae.

146685 to 146689—Continued

146686. *PINUS CARIBAEA* Morelet.

Pine.

For previous introduction see 24630.

146687. *PINUS ECHINATA* Mill.146688. *PINUS TAEDA* L.146689. *PINUS VIRGINIANA* Mill.146690 to 146700. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.
Sweetpotato.

From Africa. Tubers presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 18, 1943.

146690. No. 273. *Caroline Lea*.146696. *Six Weeks*.146691. *Calabash Leaf*.146697. *V-52*.146692. *Kandolo*.

146698. No. 83.

146693. *Kasungu*.

146699. No. 88-76 (Leningrad).

146694. *Red Nut*.

146700. No. 91.

146695. *Russian Leaf*.146701. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

From Ohio. Tree obtained from Allen's Nurseries, Geneva. Received August 18, 1943.

Hardee.146702. *PRUNUS* sp. Amygdalaceae. Plum.

From Maryland. Plant growing at United States Plant Introduction Garden, Glenn Dale. Numbered August 18, 1943.

Selection from P.I. 103746 (Swedah plum).

146703. *MEDICAGO ORBICULARIS* var. *MICROCARPA* Rouy & Fouc.
Fabaceae. Medic.

From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 25, 1943.

F. C. 31025.

For previous introduction see 26677.

146704 to 146706.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Received August 23, 1943.

146704 and 146705. *AEGLE MARMELOS* (L.) Correa (*Belou marmelos* (L.) Lyons). Rutaceae. Bael.

146704. Originally from India.

146705. Seed from a tree up to 45 feet high.

For previous introduction see 139449.

146706. *AFRAEGLE PANICULATA* (Schum.) Engl. (*Balsamocitrus paniculata* Swingle). Rutaceae.A Nigerian powder-flask fruit which is the best rootstock for the bael (*Aegle marmelos*).

For previous introduction see 103107.

146707 to 146717.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received July 30, 1943.

146707. *ARISTIDA UNIPLUMIS* Roem & Schult. Poaceae. Grass.

A tufted perennial grass 1 to 2 feet high, with slender wiry stems, and fine, pale-green leaves about 6 inches long. Native to South Africa.

146708. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae. Grass.

An annual said to be useful for haymaking.

For previous introduction see 145566.

146709. *ERAGROSTIS BICOLOR* Nees. Poaceae. Grass.

From Beaufortwest, in the heart of the Karoo, between Cape Town and Kimberley. A densely tufted perennial grass.

For previous introduction see 145872.

146710 and 146711. *ERAGROSTIS BRIZANTHA* Nees.

An annual grass with ascending, rather weak stems 4 to 6 inches long. Native to South Africa.

146710. From near Postmasburg.

146711. Very hardy.

For previous introduction see 145873.

146712. *ERAGROSTIS* sp.

From the Museum Garden.

146713. *PANICUM* sp. Poaceae. Grass.

From Barkly West Division, near Kimberley.

146714. *RHUS CILIATA* Schult. Anacardiaceae.

From near Kimberley. A shrub with spreading, nearly horizontal branches and compound leaves; the small, shining-green, linear-lanceolate leaflets are 1 inch long. Native to South Africa; browsed by stock.

146715. *SPOROBOLUS* sp. Poaceae. Grass.

From the Hay Division west of Kimberley.

146716 and 146717. *TRICHOLAENA ROSEA* Nees. Poaceae. Natal grass.

146716. No. 1.

146717. No. 2.

For previous introduction see 76444.

146718. *CAESALPINIA RUBICUNDA* Benth. Caesalpinaceae.

From Argentina. Seeds presented by M. S. Bertoni, Santa Ana, Misiones. Received August 13, 1943.

An erect shrub 1 to 2 feet high, with bipinnate leaves, the 3 to 5 pairs of pinnae consisting of 9 to 15 pairs of small leathery leaflets. The reddish flowers are in terminal racemes 1 to 3 inches long, and the sickle-shaped pods are about 1½ inches long. The shrub is said to be very beautiful when in flower. Native to southern Brazil.

146719. *PUERARIA THUNBERGIANA* (Sieb. & Zucc.) Benth. Fabaceae. Kudzu-bean.

From Maryland. Seeds purchased from the Belt Seed Co. Inc., Baltimore. Received August 24, 1943.

For previous introduction see 146583.

146720. *HYDRASTIS CANADENSIS* L. Ranunculaceae. **Goldenseal.**

From Wisconsin. Seeds purchased from W. G. Petters, Antigo.

146721. *ARTHROSTYLIIDIUM* sp. Poaceae. **Bamboo.**

From Mexico. Seeds presented by Dr. F. A. McClure, Office of Foreign Agricultural Relations, United States Department of Agriculture, through Dr. A. Wetmore, Smithsonian Institution. Received August 24, 1943.

Collected August 5, 1943, on the mountain range La Dispensa, 30 km. east of Rosario, Sinaloa.

146722. *CAESALPINIA SPINOSA* (Mol.) Kuntze (*C. pectinata* Cav.).
Caesalpinaceae. **Tara.**

From Peru. Seeds presented by Alberto Salmón de los Heros, Inspector General de Agricultura, Lima. Received August 13, 1943.

A tall upright spiny shrub or small tree, native to Peru. The pods, produced in large clusters, contain a high percentage of tannin.

For previous introduction see 144922.

146723. *LANDOLPHIA* sp. Apocynaceae.

From the Belgian Congo. Root cuttings presented by the Eastern Regional Research Laboratory, United States Department of Agriculture, Philadelphia (Wyndmoor), Pa. Received August 27, 1943.

146724. *CITRUS LIMON* (L.) Burm. f. Rutaceae. **Lemon.**

From California. Trees presented by the Armstrong Nurseries, Ontario. Received August 27, 1943.

146725 and 146726. *JUNIPERUS VIRGINIANA* L. Pinaceae.
Redcedar.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received August 27, 1943.

146725. Common type.

146726. Platte River type.

146727 and 146728.

From New Mexico. Seeds purchased from Mrs. C. E. Locke, Mesilla. Received August 28, 1943.

146727. *ALLIUM CEPA* L. Liliaceae. **Onion.**
Early Yellow Grano.

146728. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
No. 9. Chili pepper (New Mexico College of Agriculture and Mechanic Arts).

146729 and 146730.

From Peru. Seeds presented by H. W. Alberts, Agricultural Adviser, American Embassy, Lima. Received August 23, 1943.

146729. *MEDICAGO HISPIDA* Gaertn. Fabaceae. **Medic.**

Growing wild in the canyons and river valleys on the west slope of the Andes Mountains at an elevation of 300 feet.

For previous introduction see 141477.

146730. *MELILOTUS* sp. Fabaceae.

Collected in the mountains near Huanuco at an altitude of 5,500 feet.

146731 to 146774.

From Africa. Seeds presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 18, 1943.

146731. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.

No. 1116. *Kirkee*, Indian strain.

146732. AMARANTHUS GANGETICUS L. Amaranthaceae.

No. 982. *Champa Natia*.

146733 and 146734. AMARANTHUS sp.

Introduced under the name "grallifans," for which a place of publication has not been found.

146733. No. 943. *Chinese dwarf*.

146734. No. 943-A. *Chinese dwarf*.

146735. AMARANTHUS GANGETICUS L.

No. 942. *Chinese Tall*.

For previous introduction see 146732.

146736. AMARANTHUS POLYGAMUS L.

No. 613. *Chowlai Bhaji*.

For previous introduction see 5453.

146737 to 146739. AMARANTHUS GANGETICUS L.

146737. No. 980. *Green Dengo Sag. A.*

146738. No. 985. *Lal Sag.*

146739. No. 981. *Paddo Natia*.

For previous introduction see 146735.

146740 to 146742. AMARANTHUS CAUDATUS L.

Love-lies-bleeding.

A subtropical herbaceous plant that has possible value as a green vegetable; local strains.

146740. No. 993.

146741. No. 995.

146742. No. 1096.

146743. AMARANTHUS VIRIDIS L.

No. 992. Native. A plant cultivated for use in the same manner as spinach.

For previous introduction see 79531.

146744 and 146745. CICER ARIETINUM L. Fabaceae.

Chickpea.

146744. No. 1022. *Karachi* gram.

146745. No. 1023. *Bassein* gram.

146746. PHASEOLUS AUREUS Roxb. Fabaceae.

Mung bean.

No. 1265. Green Gram. M30.

146747 and 146748. PHASEOLUS MUNGO L.

Urd.

146747. No. 1052. Black Gram, type 1.

146748. No. 1057. Green Gram, type 6.

146749 to 146768. PHASEOLUS VULGARIS L.

Common bean.

146749. No. 1165. *Abundant*, dwarf.

146750. No. 1166. *Black Prince*, dwarf.

146751. No. 1158. *Black Wonder*, dwarf.

146731 to 146774—Continued

146752. No. 1160. *Bounteous*, dwarf.
 146753. No. 1187. *C. W. Burnley* selection, dwarf.
 146754. No. 1156. *Foremost*, dwarf.
 146755. No. 1176. *Incomparable*, dwarf.
 146756. No. 652. *Kayinja*.
 146757. No. 1168. *Maggie*, dwarf.
 146758. No. 1175. *Main Abundant*, dwarf.
 146759. No. 1167. *Market Favourite*, dwarf.
 146760. No. 724-A. *Native Maharage A*.
 146761. No. 1169. *Peerless*, dwarf.
 146762. No. 1172. *Perpetual*, dwarf.
 146763. No. 1170. *Premier*, dwarf.
 146764. No. 1173. *Selected Lightning*, dwarf.
 146765. No. 657. *Serere*.
 146766. No. 1162. *South African Local Khaki*, dwarf.
 146767. No. 1155. *The Prince*, dwarf.
 146768. No. 1161. *Treasure*, dwarf.

146769 to 146772. *PISUM SATIVUM* L. Fabaceae. Common pea.

146769. No. 1024. *Burmese*. 146771. No. 637. *Emitale*.
 146770. No. 958. *Chinese*. 146772. No. 638. *Miselesile*.

146773. *RUMEX VESICARIUS* L. Polygonaceae.

No. 988. *Indian*. A potherb, the leaves of which are used medicinally.
 For previous introduction see 116112.

146774. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.

No. 934. *Methi Bhaji*. A potherb used for medicinal purposes.
 For previous introduction see 141730.

146775. *MUSA* sp. Musaceae.

From Florida. Seeds presented by W. Paul Phillips, Orlando. Received August 24, 1943.

An ornamental species of banana from North Africa with an attractive, large, upright, pink bloom that lasts for about 3 months.

146776. *LILIUM* sp. Liliaceae.

From China. Seeds presented by Andrew Tse, Hong Kong, through Maj. Charles E. Dunn, New York, N. Y. Received August 27, 1943.

Collected in Kweiyang Province, January 3, 1943.

146777 to 146824. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

From the Union of South Africa. Seeds presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 30, 1943.

146777. No. 588. 146779. No. 590.
 146778. No. 589. 146780. No. 592.

146777 to 146824—Continued

146781. No. 593.	146803. No. 1157.
146782. No. 594.	146804. No. 1159.
146783. No. 595.	146805. No. 1172.
146784. No. 597.	146806. No. 1174.
146785. No. 598.	146807. No. 1201.
146786. No. 600.	146808. No. 1268.
146787. No. 601.	146809. No. 1269.
146788. No. 602.	146810. No. 1270.
146789. No. 604-B.	146811. No. 1272.
146790. No. 654.	146812. No. 1275.
146791. No. 655-A.	146813. No. 1276.
146792. No. 655-B.	146814. No. 1289.
146793. No. 655-C.	146815. No. 1290.
146794. No. 655-D.	146816. No. 1336.
146795. No. 724.	146817. No. 1337.
146796. No. 820-A.	146818. No. 1338.
146797. No. 820-B.	146819. No. 1339.
146798. No. 840.	146820. No. 1420.
146799. No. 841.	146821. No. 1422.
146800. No. 842.	146822. No. 1427.
146801. No. 909.	146823. No. 1428.
146802. No. 1000.	146824. No. 1462.

146825. SACCHARUM. Poaceae.

Sugarcane.

From the Union of South Africa. Cuttings presented by Dr. H. H. Dodds, Mount Edgecombe. Received September 1, 1943.

Co. 244.

146826. CITRUS. Rutaceae.

From Florida. Seeds collected by Dr. David Fairchild, Coconut Grove. Received September 1, 1943.

Sampson Tangelo. Grapefruit crossed with tangerine.

146827 to 146840.

From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 2, 1943.

146827 to 146838. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

146827. *Arkan*. From Maryland.

146828. *Arksoy*. From South Carolina.

146829. *Bansei-1*. From Maryland.

146830. *Burnette*. From South Carolina.

146831. *Edsoy*. From Maryland.

146832. *Higan-B*. From Maryland.

146833. *Magnolia*. From South Carolina.

146834. *Mingo*. From Illinois.

146827 to 146840—Continued

146835. *Missoy*. From South Carolina.

146836. *Ogden*. From South Carolina.

146837. *Seminole*. From South Carolina.

146838. *Tokyo*. From South Carolina.

146839. *STIZOLOBIUM* sp. Fabaceae.

Early Arlington. From South Carolina.

146840. *STIZOLOBIUM* sp.

Tracy Black. From South Carolina.

146841 to 146844.

From California. Seeds purchased from Eustace Rush, Burbank. Received September 8, 1943.

146841. *ARECASTRUM ROMANZOFFIANUM* (Cham.) Becc. *Phoenicaceae*.

A palm, native to Brazil, with an unarmed trunk about 20 feet high and 1 foot in diameter, bearing a crown of plume-like pinnate leaves 12 to 15 feet long. The fruit is a pale-orange drupe about the size of a large acorn.

For previous introduction see 145570.

146842. *CEDRUS DEODARA* (Lam.) Loud. *Pinaceae*.

Deodar cedar.

For previous introduction see 123171.

146843. *CUPRESSUS ARIZONICA* Greene. *Pinaceae*.

Arizona cypress.

For previous introduction see 24625.

146844. *CUPRESSUS MACROCARPA* Hartw.

146845. *GOSSYPIUM*. *Malvaceae*.

Cotton.

From Peru. Seeds collected by William C. Davis, Tingo Maria. Received September 8, 1943.

146846. *SCORZONERA* sp. *Cichoriaceae*.

From Iraq. Seeds obtained by the United States delegate to the Food Conference, through the American Minister, Baghdad. Received September 8, 1943.

Carda. Collected in Curtistan.

146847 and 146848.

From Washington, D. C. Seeds presented by I. T. Haig, Division of Forest Management Research, Forest Service, United States Department of Agriculture. Received September 11, 1943.

146847. *PINUS ECHINATA* Mill. *Pinaceae*.

Pine.

Shortleaf pine.

For previous introduction see 146687.

146848. *PINUS TAEDA* L.

Loblolly pine.

For previous introduction see 146688.

146849. *MEDICAGO SATIVA* L. *Fabaceae*.

Alfalfa.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 13, 1943.

Hairy Peruvian. Grown in Arizona.

146850. ARECASTRUM ROMANZOFFIANUM (Cham.) Becc. Phoeniceaceae.

From California. Seeds purchased from the Aggeler and Musser Seed Co., Los Angeles. Received September 14, 1943.

For previous introduction see 146841.

146851. BIXA ORELLANA L. Bixaceae. Anatto-tree.

From Florida. Tree growing at the United States Plant Introduction Garden, Coconut Grove. Numbered September 14, 1943.

A tree 25 to 30 feet high, the seeds of which furnish a yellow dye used to color butter and cheese. It is sometimes used as a hedge.

For previous introduction see 92343.

146852 to 146867.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Division of Rubber Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received September 15, 1943.

146852. ACACIA sp. Mimosaceae.

From Onoximina.

146853. (Undetermined.)

From Terra Santa, August 29, 1943.

146854. EPISCIA sp. Gesneriaceae.

From Onoximina.

146855. CACTUS sp. Cactaceae.

From Onoximina.

146856. CACTUS sp.

From Onoximina.

146857. (Undetermined.)

From Rio Trombetas, August 26, 1943.

146858. COPAIFERA sp. Caesalpiniaceae.

From Santarem, August 31, 1943.

146859. HIBISCUS sp. Malvaceae.

From Juraty, August 30, 1943.

146860. HYMENAEA COURBARIL L. Caesalpiniaceae. Courbaril.

From Obidos, August 31, 1943. A tall handsome tree with glossy bifoliate leaves, and terminal panicles of large white flowers. Native to the West Indies.

For previous introduction see 97768.

146861. (Undetermined.)

From Porteira and Rio Trombetas, August 26, 1943.

146862. (Undetermined.)

From Oriximania, August 23, 1943.

146863. RUELLIA sp. Acanthaceae.

From Terra Santa, August 29, 1943.

146864. RUELLIA sp.

From Juraty Nova, August 30, 1943.

146865. SMILAX sp. Smilacaceae.

From Faro, August 28, 1943.

146852 to 146867—Continued

146866. *SMILAX* sp.

From Obidos, August 31, 1943.

146867. (Undetermined.)

From Peru.

146868 to 146871.

From Mexico. Plants presented by Dr. Robert T. Clausen, Office of Foreign Agricultural Relations, Mexico City. Received September 15, 1943.

146868. *SEDUM CONZATTII* Rose. Crassulaceae.

No. 6080. A more or less shrubby sedum 12 or 15 inches high, with alternate, spatulate, rather thin leaves 1 inch long, and small, white or purplish flowers in short cymes. Native to Mexico.

146869. *SEDUM NAPIFERUM* Peyr.

No. 6020. A succulent annual 1 to 3 inches high, with subterete, very small leaves $\frac{1}{2}$ inch long, and cymes of small rosy flowers. Native to Mexico.

146870. *SEDUM HEMSLEANUM* Rose.

No. 6071. A fleshy perennial 4 to 12 inches high, with oblong spatulate leaves up to 1 inch long, and white flowers, $\frac{1}{4}$ inch across, in an elongated panicle. Native to Mexico.

146871. *VILLADIA RAMOSISSIMA* Rose. Crassulaceae.

No. 6073. A shrubby, much-branched villadia, native to limestone hills in Puebla, Mexico. The reddish branches become spreading with age, and the rigid oblong leaves are nearly terete. The small flowers, about $\frac{1}{3}$ inch across and white with a pinkish tinge, are in loose leafy cymes.

For previous introduction see 7390.

146872 to 146874.

From Brazil. Tubers presented by J. T. Baldwin, Jr., Para. Received September 15, 1943.

146872. *DIOSCOREA* sp. Dioscoreaceae.*Batata*. Purple-fleshed variety from Oriximina, August 25, 1943.146873. *DIOSCOREA ALATA* L.*Batata*. White-and-pink-fleshed varieties from Obidos, August 31, 1943.146874. *DIOSCOREA TRIFIDA* L.f.

A wild yam native to northern Brazil, with small, edible tubers, winged or angled stems, and leaves 3- to 5-lobed.

146875. *PENNISETUM CILIARE* (L.) Link (*P. cenchroides* Rich.).
Poaceae. Grass.

From the Union of South Africa. Seeds presented by M. Wilman, McGregor Museum, Kimberley. Received September 1, 1943.

A very hardy type of grass that stands winter rains and frost unusually well.

For previous introduction see 146268.

146876 to 146892. *SORGHUM VULGARE* var. *SACCHARATUM* (L.)
Boerl. Poaceae. Sweet sorghum.

From the Union of South Africa. Seeds presented by H. H. Dodds, South African Sugar Association Experiment Station, Mount Edgecombe, Natal. Received September 1, 1943.

146876. *Blanc*. From the Belgian Congo.

146876 to 146892—Continued

146877. *Boya*. From Dar-es-Salaam.
 146878. *Eala*. From the Belgian Congo.
 146879. *Fardura*. From the Belgian Congo.
 146880. From the Gold Coast.
 146881. *Incomati No. 1*. From Portuguese East Africa.
 146882. *Incomati No. 2*. From Portuguese East Africa.
 146883. *Incomati No. 3*. From Portuguese East Africa.
 146884. *Incomati No. 4*. From Portuguese East Africa.
 146885. *Jones*. From the Belgian Congo.
 146886. *Kabili*. From Dar-es-Salaam.
 146887. *MacClean*. From the Belgian Congo.
 146888. *Nagalya*. From Dar-es-Salaam.
 146889. *Saccaline*. From the Belgian Congo.
 146890. *Sugar Drip*. From the Belgian Congo.
 146891. From Swaziland.
 146892. *Takanda*. From Nigeria.

146893. PAEPALANTHUS POLYANTHUS Kunth. Eriocaulaceae.

From Brazil. Seeds presented by the Mackenzie College, São Paulo, through Cecil M. P. Cross, American Consul General. Received September 3, 1943.

A shrubby species, 3 to 6 feet high, possibly the largest in the genus, with lanceolate, sharp-pointed leaves up to 8 inches long. The small flower heads are in large dense umbels on long leafy peduncles. Native to damp places in southern Brazil.

146894 to 146896. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

From Maryland. Seeds obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 16, 1943.

146894. *Coumer*.
 146895. *Doughty 11*.
 146896. *Kentucky 38*.

146897 to 146904. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 16, 1943.

Grown at Holland, Va.

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|--------------------------------------|--|
| 146897. <i>Improved Spanish 2B</i> . | 146902. <i>Virginia Bunch</i> (Florence strain). |
| 146898. <i>South East Runner</i> . | 146903. <i>Virginia Runner</i> . |
| 146899. <i>Spanish 18-38</i> . | 146904. <i>Virginia Station Jumbo</i> . |
| 146900. <i>Valencia</i> . | |
| 146901. <i>Virginia Bunch</i> . | |

146905. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.

From Peru. Seeds presented by Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received September 17, 1943.

Collected near Iquitos by Dr. Guillermo Klug, for E. C. Higbee, Office of Foreign Agricultural Relations.

146906. *CAMELLIA RETICULATA* Lindl. Theaceae.

From England. Plants presented by the Stuart Low Co., Enfield, Middlesex. Received October 26, 1943.

A large, loosely branched tree up to 30 feet high, with grayish bark. The rigid, oblong leaves are not shining, but are dull green and reticulated with deeply sunken veins. The flowers, the largest of the genus, are clear rose and 3½ inches across. This species, not as hardy as *Camellia japonica*, is native to western Yunnan, China.

- 146907 to 146919.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 18, 1943.

146907. *AEGILOPS BIUNCIALIS* Visiani. Poaceae. Grass.

An annual grass, native to the Mediterranean region.

For previous introduction see 116287.

146908. *AEGILOPS CYLINDRICA* Host.

An erect annual grass 1 to 2 feet high; native to Europe.

For previous introduction see 111154.

146909. *AEGILOPS ELONGATA* Lam.

A bushy annual grass with ascending stems, native to rather dry areas in the Mediterranean region.

146910. *AEGILOPS OVATA* L.

An annual densely branched grass, with ascending stems about a foot high, native to the dry Mediterranean region.

For previous introduction see 141373.

146911. *AEGILOPS SQUARROSA* L.

A bushy grass, branching from the base, with slender erect stems bearing rough narrow leaves and stiff, rather loose spikes of long-awned flowers. It is a native of western Asia, especially Syria, and is considered to have been one of the species from which the cultivated wheats were derived.

For previous introduction see 110061.

146912. *AGROPYRON TRICHOPHORUM* (Link) Richt. Poaceae. Grass.

A stout perennial grass up to 3 feet high, native to southern Europe.

146913. *AEGILOPS VENTRICOSA* Tausch. Poaceae. Grass.

An annual grass, native to the Mediterranean region, with upright stems, and panicles up to 8 inches long.

For previous introduction see 67060.

146914. *HORDEUM BULBOSUM* L. Poaceae. Grass.

A perennial grass about 4 feet high.

For previous introduction see 144047.

146915. *HORDEUM GUSSONIANUM* Parl.

An annual tufted grass up to 1½ feet high, with stems often prostrate at the base. Native to sandy regions in central Europe.

146907 to 146919—Continued

146916. HORDEUM JUBATUM L.

Foxtail barley.

For previous introduction see 125052.

146917. HORDEUM MURINUM L.

An annual European steppe grass that forms a thick growth up to about 1 or 2 feet high.

For previous introduction see 141415.

146918. HORDEUM NODOSUM L. (*H. secalinum* Schreb.). Grass.

A European perennial grass of upright habit and about 1 foot high.

For previous introduction see 90152.

146919. TRITICUM VAVILOVI Jakub. Poaceae.

For previous introduction see 115821.

146920. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Michigan. Seeds presented by Stanley Johnston, South Haven Experiment Station, South Haven. Received September 12, 1943.

146921 to 146925.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 21, 1943.

146921 to 146923. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae.
Crested wheatgrass.

146921. No. 22705. From South Dakota.

146922. No. 29721. From New Mexico.

146923. No. 22755. From South Dakota.

146924. AGROPYRON ELONGATUM (Host) Beauv. (*A. rigidum* Beauv.).

No. 1. From Washington.

146925. AGROPYRON SMITHII Rydb.

No. 22856. From South Dakota.

For previous introduction see 146396.

146926. TIBOUCHINA sp. Melastomaceae.

From Bolivia. Seeds collected by Claud L. Horn, Office of Foreign Agricultural Relations. Received September 22, 1943.

An ornamental tree from Paraiani, July 24, 1943.

146927 to 146932.

From Mexico. Seeds presented by Dr. R. T. Clausen, Mexico City. Received September 15, 1943.

146927 to 146929. PACHYRHIZUS EROSUS (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.

146927. No. 6061. "B" variety.

146928. No. 6061. "B" variety.

146929. No. 6062. "B" variety.

146930 to 146932. PACHYRHIZUS PALMATILOBUS (Moc. & Sessé) Benth. & Hook. f. (*Cacara palmatilobu* (Moc. & Sessé) Kuntze).

146930. No. 6061a. "A" variety, large seeds.

146931. No. 6061a. "A" variety, small seeds.

146932. No. 6063. "A" variety.

For previous introduction see 43013.

146933. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae. **Lime.**

From Cuba. Budsticks purchased from Thomas R. Towns, Holguin. Received September 23, 1943.

A seedless and thornless Brazilian lime.

146934 to 146938. BETA VULGARIS L. Chenopodiaceae. **Common beet.**

From Maryland. Seeds obtained through the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 25, 1943.

Grown in New Mexico.

146934. U. S. 22 (922).

146935. U. S. 33.

146936. U. S. 200 × 215 (1-7-00).

146937. U. S. 215 × 216 (1-10-00).

146938. U. S. 216.

146939. CYPERUS ESCULENTUS L. Cyperaceae. **Chufa.**

From Florida. Seeds purchased from the Kilgore Seed Co., Plant City. Received September 29, 1943.

An easy-growing sedge that yields an abundant crop of small, edible, but fibrous tubers that taste like very sweet almonds.

For previous introduction see 99341.

146940 to 146942. GOSSYPIMUM. Malvaceae. **Cotton.**

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 29, 1943.

146940. *Coker 100*. From South Carolina.

146941. *Deltapine 12*. From Mississippi.

146942. *Stoneville 2B*. From Mississippi.

146943 to 146946. SORGHUM VULGARE Pers. Poaceae. **Sorghum.**

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 29, 1943.

Grown in Oklahoma.

146943. *Acme*.

146944. *Black Spanish*.

146945. *Full-tip*.

146946. *Scarbarough Duf*.

146947 to 146963. NICOTIANA TABACUM L. Solanaceae. **Tobacco.**

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 30, 1943.

146947. *Connecticut Havana* (cigar type).

146948. *Connecticut Broadleaf* (cigar type).

146949. *Little Dutch* (cigar type).

146950. *Big Cuba* (cigar type).

146951. *Florida Sumatra* (cigar type).

146947 to 146963—Continued

146952. *Cuban* (cigar type).
 146953. *Cash* (flue-cured).
 146954. *Jamaica* (flue-cured).
 146955. *White Stem Orinoco* (flue-cured).
 146956. *Judy's Pride* (white burley).
 146957. *Kelley* (air-cured type).
 146958. *Twist Bud* (air-cured type).
 146959. *One Sucker* (dark air-cured type).
 146960. *Improved Yellow Mammoth* (fire-cured).
 146961. *Madole* (fire-cured).
 146962. *Maryland Broadleaf*.
 146963. *Maryland Medium Broadleaf*.

146964. CHRYSANTHEMUM sp. Asteraceae.

From Bolivia. Seeds collected by Claud L. Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received September 21, 1943.

Collected at San José, near Lake Titicaca, August 1943. Grown as an ornamental.

146965 to 146967.

From Argentina. Seeds presented by M. J. Mintzer, Estación Agrícola Experimental, Coronel Moldes, Provincia de Salta, through H. H. Bartlett, University of Michigan, Ann Arbor, Mich. Received September 21, 1943.

146965. CUCURBITA FICIFOLIA Bouché. Cucurbitaceae. Alcaliota.

No. 20271. *Cayote*. An extensively cultivated melon, native to Ecuador, where it is used as food for man as well as for stock. It averages 20 to 30 pounds in weight when ripe and the shell is very hard, the flesh white, and the seeds black.

For previous introduction see 128203.

146966. CUCURBITA MOSCHATA Duchesne. Cushaw.

No. 20270. *Anco*.

146967. CYCLANTHERA PEDATA (L.) Schrad. Cucurbitaceae.

No. 20272. *Akchoscha*. A tropical, cucumberlike vegetable, which is stuffed with meat and baked.

For previous introduction see 142215.

146968 and 146969.

From the Union of South Africa. Seeds presented by M. Wilman, McGregor Museum, Kimberley. Received September 16, 1943.

146968. ERAGROSTIS LEHMANNIANA Nees. Poaceae. Grass.

A native South African grass.

For previous introduction see 145876.

146969. RHUS CILIATA Schult. Anacardiaceae.

A useful little bush that thrives well in limey soil. It flowers in winter and the flower tops are eaten by stock. Common throughout Griqualand West and adjacent parts of the Orange Free State.

For previous introduction see 146714.

146970 to 146974. *NICOTIANA TABACUM* L. Solanaceae. Tobacco.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 1, 1943.

146970. *Cash*.146973. *Jamaica*.146971. *Connecticut Broadleaf*.146974. *Maryland Medium Broadleaf*.146972. *Havana*.146975. *SACCHARUM*. Poaceae.

Sugarcane.

From Florida. Cuttings presented by the United States Department of Agriculture Sugarcane Station, Canal Point. Received October 1, 1943.

Imp. 853.

146976 to 146980. *NICOTIANA RUSTICA* L. Solanaceae.

Aztec tobacco.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 4, 1943.

146976. 6.2.1.

146979. 5.2.1.B.

146977. 5.6.

146980. 6.2.1. Imp.

146978. 5.2.1.

146981 to 147024.

From Connecticut. Seeds purchased from Associated Seed Growers, Inc., New Haven. Received October 5, 1946.

146981 to 146987. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

146981. French horticultural variety

146985. *Stringless Black Valentine*.146982. *Pencil Pod Black Wax*.146986. *Sure Crop Wax*.146983. *Refugee 1000-1*.146987. *Tennessee Green Pod*.146984. *Round Pod Kidney Wax*.146988 and 146989. *SPINACIA OLERACEA* L. Chenopodiaceae.

Spinach.

146988. *Old Dominion*.146989. *Virginia Savoy*.146990 and 146991. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

146990. *Golden Self Blanching* (dwarf).146991. *Golden Self Blanching* (tall).146992. *BETA VULGARIS* L. Chenopodiaceae.

Common beet.

Detroit Dark Red.146993. *BRASSICA OLERACEA* var. *VIRIDIS* L. Brassicaceae.

Kale.

Tall Green Curled Scotch; collards.146994. *BRASSICA OLERACEA* var. *BOTRYTIS* L.

Cauliflower.

Super Snowball.146995 to 146998. *BRASSICA OLERACEA* var. *CAPITATA* L.

Cabbage.

146995. *All Head Early*.146996. *Jersey Wakefield*.146997. *Surehead*.146998. *Wisconsin Hollander*.

146981 to 147024—Continued

146999 and 147000. DAUCUS CAROTA L. Apiaceae. Carrot.

146999. *Danvers Half Long*.

147000. *Imperator*.

147001 to 147008. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.

147001. *Imperator*. 147006. *Imperial No. 847*.

147002. *Imperial No. 44*. 147007. *New York 199 Improved*.

147003. *Imperial No. 152*. 147008. *White Paris Cos (Tri-*

147004. *Imperial No. 456*. *anon*).

147005. *Imperial No. 615*.

147009 to 147014. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

147009. *Marglobe*. 147012. *Pearson*.

147010. *Nortons W. R.* 147013. *Pritchard*.

147011. *Pan America*. 147014. *Rutgers*.

147015. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

Henderson's Bush Lima.

147016 to 147021. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

147016. *Giant Podded Pole Bean*.

147017. *Kentucky Wonder (brown)*.

147018. *Kentucky Wonder (white, resistant)*.

147019. *Kentucky Wonder, White U. S. No. 4*.

147020. *U. S. No. 3*.

147021. *U. S. No. 5. Refugee*.

147022 to 147024. RAPHANUS SATIVUS L. Brassicaceae. Radish.

147022. *California Mammoth White*.

147023. *Early Scarlet Globe*.

147024. *White Icicle*.

147025. ETHNORA sp. Phoenicaceae.

From Colombia. Seeds presented by H. V. Geib, American Embassy, Bogotá. Received September 21, 1943.

Collected by Dr. Richard Schultes in the Amazon Forest of the Rio Macaya, Vaupes.

A huge ornamental palm from 60 to 80 feet tall that grows in a clay or laterite gravel soil in a region with a very high rainfall.

147026 to 147030.

From Egypt. Seeds obtained through the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture. Received October 6, 1943.

147026 to 147028. SORGHUM VULGARE var. SACCHARATUM (L.) Boerl. Poaceae. Sweet sorghum.

147026. F. C. 15/43. *Nagro*.

147027. N. A. 2/39.

147028. N. A. 1/39.

147029 and 147030. SORGHUM VULGARE Pers. Sorghum.

147029. *Durra Beda*.

147030. *Durra Safra*.

147031 to 147033. ZEA MAYS L. Poaceae. Corn.

From Connecticut. Seeds purchased from Associated Seed Growers Inc., New Haven. Received October 13, 1943.

147031. *Country Gentleman*.

147032. *Golden Cross Bantam*.

147033. *Stowell's Evergreen*.

147034. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Illinois. Seeds purchased from the Roger Bros. Seed Co., Chicago. Received October 15, 1943.

Rogers Stringless Green Refugee.

147035 and 147036.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Received October 18, 1943.

147035. AEGLOPSIS CHEVALIERI Swingle. Rutaceae.

An African citrus relative, native to the Ivory Coast, where it grows as a small, spiny, evergreen tree about 10 feet high, with short panicles of white flowers, and roundish, hard-shelled fruits 5 inches in diameter.

For previous introduction see 109606.

147036. AFRAEGLE GABONENSIS (Swingle) Engler. Rutaceae.

A spiny shrub or small tree with large green flowers, simple or trifoliate leaves 5 to 8 inches long, and hard-shelled, pear-shaped fruits about 4 inches in diameter. Native to the French Congo.

For previous introduction see 109618.

147037. CITRUS. Rutaceae.

From California. Seeds presented by the Citrus Experiment Station, Riverside, through W. T. Swingle. Received October 18, 1943.

Said to be a lemon hybrid; "Meyer lemon" \times Australian desert lemon, *Eremocitrus glauca* (Lindl.) Swingle.

147038. ZEA MAYS L. Poaceae. Corn.

From Texas. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received October 18, 1943.

Tuxpan.

147039. MENTHA PIPERITA L. Menthaceae. Peppermint.

From Maryland. Cuttings obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 19, 1943.

147040 and 147041. NICOTIANA RUSTICA L. Solanaceae. Aztec tobacco.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 21, 1943.

Varieties with high nicotine content.

147040. No. 68.

147041. No. 34753.

147042 and 147043. CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

From Italy. Seeds presented by Col. Lemuel Bolles, American Military Government for Occupied Territories. Received October 13, 1943.

147042. Algerian melon seed.

147043. White melon from Sicily.

147044 to 147047.

From Washington. Seeds presented by Ludwig Metzger, School of Pharmacy, University of Washington, Seattle. Received October 23, 1943.

147044. AMORPHA FRUTICOSA L. Fabaceae.

Indigobush.

For previous introduction see 139206.

147045. ASPERULA TINCTORIA L. Rubiaceae.

147046. BAPTISIA TINCTORIA R. Br. Fabaceae.

147047. ISATIS TINCTORIA L. Brassicaceae.

147048. ALEURITES TRISPERMA Blanco. Euphorbiaceae.**Banucalag.**

From Florida. Seeds presented by S. J. Lynch, Sub-Tropical Experiment Station, Homestead. Received October 23, 1943.

For previous introduction see 146664.

147049. SORGHUM VULGARE Pers. Poaceae.**Sorghum.**

From the Union of French West Africa. Seeds presented by the Service of Agriculture, Dakar. Received October 16, 1943.

Mil Sucre.

147050 to 147052. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From New York. Seeds presented by the Seed Laboratory of the New York Experiment Station, Geneva. Received October 23, 1943.

147050. *Geneva.*

147051. *Simpson.*

147052. *Wells.*

147053. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From New York. Seeds purchased from the Joseph Harris Co., Rochester. Received October 27, 1943.

Boston Marrow.

147054. MELILOTUS OFFICINALIS (L.) Lam. Fabaceae.**Yellow sweetclover.**

From Maryland. Seeds purchased from the G. Scarlett & Co., Baltimore. Received October 27, 1943.

147055. HORDEUM VULGARE L. Poaceae.**Barley.**

From Arizona. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received October 27, 1943.

Algerian, C.I. 1179. Grown at Sacaton, 1938.

147056 and 147057. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae.**Cabbage.**

From South Carolina. Seeds presented by Dr. Charles F. Poole, U. S. Vegetable Laboratories, Charleston. Received October 27, 1943.

147056. *Madison.*

147057. *Hugenot.*

147058 and 147059.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 30, 1943.

147058. *LYCOPERSICON PERUVIANUM* (L.) Mill. Solanaceae.

For previous introduction see 146553.

147059. *LYCOPERSICON HIRSUTUM* Humb. & Bonpl. (*L. agrimoniaeefolium* Dun.).

For previous introduction see 134418.

147060 to 147078.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Amazonas. Received September 28, 1943.

Unless otherwise mentioned all numbers were collected in Porto-Velho, Amazonas, September 12, 1943.

147060. *ACACIA* sp. Mimosaceae.

A large ornamental legume, the pods of which produce a gum.

147061. *CAJANUS CAJAN* (L.) Druce. Fabaceae. Pigeonpea.

A shrub up to 8 feet tall, the seeds of which are eaten when green.

147062 and 147063. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

147062. Fruit large, of excellent flavor.

147063. Fruit has rather poor flavor.

147064. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

September 10, 1943. A cultivated melon.

147065. *CUCUMIS* sp.

Fruit cucumberlike.

147066. *PAULLINIA* sp. Sapindaceae.

June 29, 1943. From Buena Vista, Rio Pacahuaris, Bolivia. A shrub.

147067. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

The only variety seen in the Amazon Valley.

147068. *SOLANUM GILO* Raddi. Solanaceae.

A herbaceous, bushy plant about 1 foot high, with ovate-elliptic, tomentose leaves, small white flowers, and large, roundish, edible red berries. Native to Brazil.

For previous introduction see 114472.

147069. *SOLANUM* sp.

A yellow-fruited species.

147070. *SOLANUM* sp.

June 23, 1943. From Santo Domingo, Rio Pacahuaris, Bolivia.

147071 and 147072. *VIGNA SESQUIPEDALIS* (L.) Fruwirth. Fabaceae.

Asparagus-bean.

147071. No. 1.

147072. No. 2.

147073 to 147078. *VIGNA SINENSIS* (Torner) Hassk.

Cowpea.

147073. No. 1. From Santarém, Para.

147074. No. 2.

147075. No. 3.

147060 to 147078—Continued

147076. No. 4. A very good variety.

147077. No. 7.

147078. No. 6.

147079 to 147103.

From Madagascar. Seeds presented by A. T. Semple, Soil Conservation Service, United States Department of Agriculture. Received October 30, 1943.

147079. *ARISTIDA* sp. Poaceae.

From Fort Dauphin.

147080. *AXONOPUS COMPRESSUS* (Swartz) Beauv. Poaceae. Carpet grass.

From Fort Dauphin.

For previous introduction see 119912.

147081. *CAJANUS CAJAN* (L.) Druce. Fabaceae. Pigeonpea.

From the Agricultural Experiment Station, Amborombe.

147082. *CROTALARIA* sp. Fabaceae.

From near Ambatoabo.

147083. *CROTALARIA* sp.

From near Ambatoabo.

147084. *CYBOPOGON GIGANTEUS* (Hochst.) Chiov. Poaceae. Grass.

From Fort Dauphin.

147085. *CYBOPOGON* sp.

From banks of gully, Bekily.

147086. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.

From Bekily.

147087. *DACTYLOCTENIUM AEGYPTIUM* (L.) Richter (*Eleusine aegyptiaca* Desf.) Poaceae. Grass.

From the Agricultural Experiment Station, Amborombe.

For previous introduction see 106469.

147088 and 147089. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.

From Amborombe.

147090. *ENTADA* sp. Mimosaceae.

From Abatoabo.

147091. *ERAGROSTIS* sp. Poaceae. Grass.

From Fort Dauphin.

147092. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Malaceae. Loquat.

From Nahampoana, Fort Dauphin.

147093. *HIBISCUS SABDARIFFA* L. Malvaceae. Roselle.

From Amborombe.

For previous introduction see 145650.

147094. *TRACHYLOBIUM VERRUCOSUM* (Gaertn.) Oliver (*Hymenaea verrucosa* Gaertn.). Caesalpinaceae.

From the Botanic Garden, Nahampoana, Fort Dauphin.

For previous introduction see 87519.

147079 to 147103—Continued

147095. *HYPARRHENIA CYMBARIA* (L.) Stapf. Poaceae. Grass.

From Ampandrandava.

For previous introduction see 51340.

147096. *JATROPHA* sp. Euphorbiaceae.

From Antanimora.

147097. *MELALEUCA LEUCADENDRON* L. Myrtaceae. Cajeput-tree.

From the Botanic Garden, Nahampoama.

For previous introduction see 90715.

- 147098 and 147099. *PANICUM MAXIMUM* Jacq. Poaceae. Guinea grass.

From Fort Dauphin.

147100. *SESBANIA* sp. Fabaceae.

From Bekily.

147101. *SPOROBOLUS* sp. Poaceae. Grass.

From a few miles north of Fianarantsoa.

147102. *STENOTAPHRUM* sp. Poaceae. Grass.

From Fort Dauphin.

147103. (Undetermined).

From the Botanic Garden, Nahampoana.

147104. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae. Ramie.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.

Grown in Atmore, Ala.

For previous introduction see 87521.

147105 to 147108.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.

147105. *HELIANTHUS* sp. Asteraceae.

Graystripe. From California.

147106. *HELIANTHUS* sp.

Manchurian. From California.

147107. *HELIANTHUS* sp.

Mennonite. From Ottawa, Canada.

147108. *HELIANTHUS* sp.

Sunrise. From Ottawa, Canada.

- 147109 to 147122. *ZEA MAYS* L. Poaceae. Corn.

From Louisiana. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received November 2, 1943.

147109. La. Hyb. 3802 (White Dent Prolific).

147110. Pedigree: (10 × 62) (13 × 2-2).

147111. Single Cross: 10 × 62.

147112. Single Cross: 13 × 2-2.

147109 to 147122—Continued

147113. La. Hyb. 2509 (Yellow Flint Prolific).
 147114. Pedigree: (504 × 507) (568 × 548).
 147115. Single Cross: 504 × 507.
 147116. Single Cross: 568 × 548.
 147117. Inbreds: 504, 507, 568, and 548.
 147118. La. Hyb. 703 (Yellow Dent).
 147119. Pedigree: (578 × 586) (589 × 588-2).
 147120. Single Cross: 587 × 586.
 147121. Single Cross: 589 × 588-2.
 147122. Inbreds: 587, 586, 589, and 588-2.

147123. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.

Grown in Montana.

147124 and 147125.

From Ohio. Plants purchased from Henry Kohankie & Sons, Painesville. Received November 4, 1943.

147124. CRATAEGUS OXYACANTHA L. Malaceae.

English hawthorn.

Var. *Pauli*.

147125. MALUS. Malaceae.

Hopa crabapple.

147126. CARICA PAPAYA L. Papayaceae.

Papaya.

From Florida. Seeds presented by Bronson Bayliss, Miami. Received November 4, 1943.

Betty.

147127 to 147136.

From South Carolina. Seeds presented by the United States Regional Vegetable Breeding Laboratory, Charleston. Received November 4, 1943.

147127 to 147133. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

147127. *Dove*. 58B-49-8-1-1.
 147128. *Dove*. D1-1-4—Relatively cold-tolerant.
 147129. *Black Beauty*. W. 256-1.
 147130. *Dixie Queen*. D q-1.
 147131. *Peerless*. P 1-11-1.
 147132. *Sun, Moon, and Stars*. 183-1-4-1.
 147133. *Tom Watson*. T W 3-1.

147134 and 147135. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

147134. Breeding stock. Good quality and wilt-resistant.
 147135. Hermaphrodite-sexed melon.

147136. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.

Cushaw.

Winter squash.

**147137 to 147141. PENNISETUM PURPUREUM × GLAUCUM. Po-
aceae. Grass.**

From Georgia. Plants presented by Glenn W. Burton, Division of Forage Crops and Diseases, Experiment Station, Tifton. Received November 5, 1943.

147137. Napier × Cattail Millet No. 4.

147138. Napier × Cattail Millet No. 5.

147139. Napier × Cattail Millet No. 6.

147140. Napier × Cattail Millet No. 7.

147141. Napier × Cattail Millet No. 9.

147142 to 147147.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 6, 1943.

147142. *ALYSICARPUS VAGINALIS*. (L.) DC. Fabaceae.
Grown in Florida.

For previous introduction see 142309.

147143. *CROTALARIA INCANA* L. Fabaceae.

Grown in South Carolina.

For previous introduction see 110181.

147144. *CROTALARIA INTERMEDIA* Kotschy.

Grown in Florida.

For previous introduction see 70903.

147145. *CROTALARIA LANCEOLATA* E. Mey.

Grown in South Carolina.

For previous introduction see 49295.

147146. *CROTALARIA SPECTABILIS* Roth.

Grown in South Carolina.

For previous introduction see 106921.

147147. *SESBANIA MACROCARPA* Muhl. Fabaceae.

Grown in California.

For previous introduction see 37931.

147148. TARCHONANTHUS MINOR Less. Asteraceae.

From the Union of South Africa. Seeds presented by M. Wilman, Kimberley, through Charles A. Heath, Chicago, Ill. Received November 11, 1943.

Klein Vaalbos.

For previous introduction see 145880.

147149. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From North Dakota. Seeds presented by the Agricultural Experiment Station, Fargo. Received November 11, 1943.

Bounty.

147150. VACCINIUM MACROCARPON Ait. Vacciniaceae. Cranberry.

From Washington, D. C. Seeds presented by C. O. Erlanson, Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received November 11, 1943.

147151 to 147281. *SORGHUM VULGARE* Pers. Poaceae. *Sorghum*.

From India. Seeds presented by B. S. Kadam, Deputy Director of Agriculture, Poona. Received November 12, 1943.

147151. *Akulkhede*. From East Khandesb, Bombay.

147152. *Gidgemp*. From Arbhavi, Bombay.

147153. 35-1. From Arbhavi, Bombay.

147154 to 147158. From Athani, Bombay.

147154. *Ghalwadi*.

147157. *Rahi Jowar*.

147155. *Gid-gap*.

147158. *Sadagar*.

147156. *Nandyal*.

147159. *Sadagar*. From Chikodi, Bombay.

147160 to 147164. From Devi-Hosour, Bombay.

147160. *Javari*.

147163. *White Fulgar*.

147161. *Maisal*.

147164. *Yellow Fulgar*.

147162. *Nandyal*.

147165. *Fulgar White*. From Harti-Dharwar, Bombay.

147166. *Ghalwadi*. From Hirekodi-Chkoki, Bombay.

147167. *Gidigemp*. From Hirekodi-Chkodi, Bombay.

147168. *Jalalpore*. From Jalalpore, Bombay.

147169. No. 10-2. From Jalalpore, Bombay.

147170. *Kalgundi*. From Kulgod-Gokak, Bombay.

147171. *Kharif Jowar*. From Kulgod-Gokak, Bombay.

147172. *Rahi Jowar*. From Kulgod-Gokak, Bombay.

147173. No. 35-1. From Mohol, Bombay.

147174. No. 47-3. From Mohol, Bombay.

147175. *Utawali*. From Nedh ad-Ahmedabab, Bombay.

147176. *Nandyal*. From Nerli-Chikodi, Bombay.

147177. *Nalwan*. From Prantij, Bombay.

147178. *Utavari*. From Prantij, Bombay.

147179 to 147182. From Ranebennur, Bombay.

147179. *Ranebennur 1*.

147181. *Ranebennur 3*.

147180. *Ranebennur 2*.

147182. *Ranebennur 4*.

147183 to 147190. From Surat, Bombay.

147183. *Althan Deshi*.

147187. *Bialo*.

147184. *Budha Perio*.

147188. *Perio*.

147185. *Budha Perio*.

147189. *Timberwa*.

147186. *Chapti*.

147190. No. 40.

147191 to 147200. From Viramgam, Bombay.

147191. *Chhasatio*.

147196. *G. 40*.

147192. *G. 1*.

147197. *Utavli*.

147193. *G. E. 1*.

147198. *W. E. 1*.

147194. *G. 10-2*.

147199. *W. 3-4*.

147195. *G. 11-4*.

147200. *W. 21*.

147201 to 147204. From Bengal, Bombay.

147201. *Burma-Black Close*.

147203. *Ksidhnagar*.

147202. *Burma-Pink Close*.

147204. *Rajashahi*.

147151 to 147281—Continued

147205. *Fawn glumed.* From Sabour, Bihar.

147206. *Red glumed.* From Sabour, Bihar.

147207. *No. 3.* From Indore, Central India.

147208. *No. 9.* From Indore, Central India.

147209. *Indore.* From Indore, Central India.

147210 to 147213. From Guntur, Madras.

147210. *G. J. 75.*

147212. *G. J. 869.*

147211. *G. J. 103.*

147213. *G. J. 916.*

147214. *A. S. 29.* From Coimbatore, Madras.

147215. *A. S. 3313.* From Coimbatore, Madras.

147216. *Red Jonna.* From Guntur, Madras.

147217. *Rahi.* From Guntur, Madras.

147218. *Ghitaldroog Bili Jola.* From Babbur, Mysore.

147219. *S. 2.* From Babbur, Mysore.

147220. *S. 2-2.* From Babbur, Mysore.

147221 to 147231. From Bangalore, Mysore.

147221. *Athani.*

147227. *E. 24.*

147222. *Bilimuri.*

147228. *D. 79.*

147223. *A. 13.*

147229. *F. 24.*

147224. *B. 35.*

147230. *Haladi.*

147225. *D. 47.*

147231. *Mungar Kesari.*

147226. *D. 61.*

147232 to 147250. From Nandyal, Mysore.

147232. *Fodder var.*

147241. *N. T. 979.*

147233. *G. P. Local.*

147242. *N. T. 982.*

147234. *N. T. 26/152 (Fodder variety.)*

147243. *N. T. 994.*

147244. *N. T. 995.*

147235. *N. T. 29/4.*

147245. *N. T. 1003.*

147236. *N. T. 29/68.*

147246. *N. T. 1008.*

147237. *N. T. 29/152.*

147247. *N. T. 1012.*

147238. *N. T. 502.*

147248. *N. T. t 6.*

147239. *N. T. 733.*

147249. *Pithy stem variety.*

147240. *N. T. 948.*

147250. *Sweet stem variety.*

147251 to 147260. From Parbhani (H. E. H. Nizam's Gov't.) Deccan.

147251. *Dagadi.*

147256. *PB. 4-K.*

147252. *Banded Yellow.*

147257. *PB. 1-R.*

147253. *PB. 1-K.*

147258. *PB. 2-R.*

147254. *PB. 2-K.*

147259. *PB. 3-R.*

147255. *PB. 3-K.*

147260. *PB. 4-R.*

147261 to 147274. From Dokri, Punjab.

147261. *Acho Kartuko.*

147263. *Acho × Torh.*

147262. *Achi Kodri.*

147264. *Achi Turi.*

147151 to 147281—Continued

147265. *Allakh.*147271. *Red Janapur.*147266. *Bagdar.*147272. *Red Turi.*147267. *Depar.*147273. *Saoro Kartuho.*147268. *Honey Sorghum.*147274. *Saoro Kartuho* × *Acho Kartuho Turi.*147269. *Kamadri.*147270. *Punjab J. 8.*

147275 to 147279. From Sirsa, Punjab.

147275. *Sirsa* (Fodder Var.)147278. *No. 100* (Fodder Var.)147276. *No. 20* (Fodder Var.)147279. *No. 893* (Fodder Var.)147277. *No. 21* (Fodder Var.)147280. *5 Tall.* From Cawnpore, United Provinces.147281. *8 B.* From Cawnpore, United Provinces.147282. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From Iowa. Seeds presented by Spencer Howe, Keokuk, through the Hon. Thomas E. Martin, Representative, Fifth District, Iowa. Received November 13, 1943.

A variety of Tasmanian origin.

147283 to 147285. *GOSSYPIMUM.* Malvaceae.**Cotton.**

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1943.

147283. *Acala 1517.* From New Mexico.147284. *Acala.* From California.147285. *S X P Egyptian.* From Arizona.147286 to 147297. *GLYCINE MAX* (L.) Merrill. Fabaceae.**Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1943.

147286. *Bansei.* From Beltsville, Md.147287. *Cherokee.* From South Carolina.147288. *Chusei.* From Beltsville, Md.147289. *Easycook.* From New Jersey.147290. *Edsoy.* From Beltsville, Md.147291. *Etum.* From Beltsville, Md.147292. *Green & Black.* From South Carolina.147293. *Higan-B.* From Beltsville, Md.147294. *Hokkaido.* From New Jersey.147295. *Imperial.* From New Jersey.147296. *Kanro.* From Beltsville, Md.147297. *Seminole.* From South Carolina.

147298 to 147302. PENNISETUM PURPUREUM × GLAUCUM. Poaceae.

From Georgia. Plants presented by Glenn W. Burton, Experiment Station, Tifton. Received November 17, 1943.

A collection of Napier grass-cattail millet hybrids.

147298. No. 4.

147301. No. 7.

147299. No. 5.

147302. No. 9.

147300. No. 6.

147303. CINCHONA PUBESCENS Vahl (*C. succirubra* Pav.). Rubiaceae.

From Colombia. Seeds collected by Enrique Mosquera W., Cauca. Received November 17, 1943.

Collected near Popayan, October 1943.

147304 to 147346. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 18, 1943.

147304. *Armrede*. From Monetta, S. C.

147305. *Avoyelles*. From Monetta, S. C.

147306. *Charlee*. From Monetta, S. C.

147307. *Cherokee*. From Monetta, S. C.

147308. *Chusei*. From Beltsville, Md.

147309. *Clemson*. From Monetta, S. C.

147310. *Creole*. From Monetta, S. C.

147311. *Dunfield*. From Illinois.

147312. *Earlyana*. From Illinois.

147313. *Easycook*. From New Jersey.

147314. *Edsoy*. From Beltsville, Md.

147315. *Etum*. From Beltsville, Md.

147316. *Georgian*. From Monetta, S. C.

147317. *Gibson*. From Illinois.

147318. *Green & Black*. From Monetta, S. C.

147319. *Higan-B*. From Beltsville, Md.

147320. *Hokkaido*. From Beltsville, Md.

147321. *Imperial*. From New Jersey.

147322. *Kanro*. From Beltsville, Md.

147323. *Kura*. From Beltsville, Md.

147324. *Laredo*. From Monetta, S. C.

147325. *Mandarin*. From Illinois.

147326. *Mandell*. From Illinois.

147327. *Midwest*. From Monetta, S. C.

147328. *Minge*. From Illinois.

147329. *Morse*. From Illinois.

147330. *Mt. Carmel*. From Illinois.

147304 to 147346—Continued

147331. *Mukden*. From Illinois.
 147332. *Ogden*. From Tennessee.
 147333. *Ontario*. From Illinois.
 147334. *Ocootan*. From Monetta, S. C.
 147335. *Palmetto*. From Monetta, S. C.
 147336. *Patoka*. From Monetta, S. C.
 147337. *Ral soy*. From Monetta, S. C.
 147338. *Rokusun-45*. From Monetta, S. C.
 147339. *Seneca*. From Illinois.
 147340. *Tanner*. From Monetta, S. C.
 147341. *Tarheel Black*. From Beltsville, Md.
 147342. *Tennessee-Non-Pop*. From Tennessee.
 147343. *Tokyo*. From Monetta, S. C.
 147344. *Volstata*. From Monetta, S. C.
 147345. *White Bilowi*. From Monetta, S. C.
 147346. *Wisconsin Manchu 606*. From Illinois.

147347. SOLANUM QUITOENSE Lam. Solanaceae.

From Peru. Seeds presented by R. B. Harvey, Division of Plant Pathology and Botany, University Farm, St. Paul, Minn. Received November 1943.

147348 to 147355.

From Canada. Seeds presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received November 11, 1943.

147348. AMYGDALUS TRILOBA (Lindl.) Ricker. Amygdalaceae.

(*Prunus triloba* Lindl.)

For previous introduction see 115091.

147349. PRINSEPIA SINENSIS Oliver. Amygdalaceae. Cherry prinsepia.

For previous introduction see 135797.

147350. PRUNUS JAPONICA Thunb. Amygdalaceae. Chinese bush cherry.

For previous introduction see 114028.

147351. PRUNUS MAACKI Rupr. Amur cherry.

For previous introduction see 136286.

147352. PRUNUS TOMENTOSA Thunb. Manchu cherry.

For previous introduction see 135620.

147353. RIBES DIACANTHA Pall. Grossulariaceae. Currant.

For previous introduction see 72580.

147354. SYRINGA AMURENSIS Rupr. Oleaceae. Manchurian lilac.

For previous introduction see 98916.

147355. SYRINGA JAPONICA (Maxim.) Decaisne. Japanese tree lilac.

147356 to 147370.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received November 4, 1943.

147356. ANTHEPHORA PUBESCENS Mees. (*Cenchrus pubescens* Steud.) Poaceae. Grass.

147356 to 147370—Continued

147357. ENNEAPOGON SCOPARIUS Stapf. Poaceae. Grass.
 147358. ERAGROSTIS CURVULA (Schrud.) Nees. Poaceae. Grass.
 147359. ERAGROSTIS CURVULA (Schrud.) Nees. Grass.
 147360. ERAGROSTIS LEHMANNIANA Nees. Grass.

For previous introduction see 146968.

147361. ERAGROSTIS ATHERSTONEI Stapf. Grass.
 147362. ERAGROSTIS HYGROPHILA C. E. Hubb. & Schweick. Grass.
 147363. ERAGROSTIS MICRANTHA Hack. Grass.
 147364. ERIOCEPHALUS PUBESCENS DC. Asteraceae.

A bushy shrub with rigid, somewhat spiny, silky branches, linear-filiform leaves, and inconspicuous flowers in small heads. Native to South Africa.

147365. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.
 147366. PANICUM MINUS var. PLANIFOLIUM Stapf. Grass.
 147367. PANICUM COLORATUM L. Grass.
 147368. PENNISETUM sp. Poaceae. Grass.

147369. TETRAGONIA ARBUSCULA Fenzl. Aizoaceae.

For previous introduction see 107434.

147370. TRICHOLAENA ROSEA Nees. Poaceae.

147371 to 147375.

From China. Seeds and bulbs presented by Ray G. Johnson, Wukong, Shensi. Received November 12, 1943.

- 147371 and 147372. ABELMOSCHUS MANIHOT (L.) Medic. (*Hibiscus manihot* L.) Malvaceae.

Giant yellow strain, said to be of native Chinese stock.

For previous introduction see 76892.

147373. IRIS sp. Iridaceae.

From Wukong gardens, said to have come from Shensi hills; strong growing, with flower stalks 6 feet high.

147374. PAPAVER sp. Papaveraceae.

Wild poppy from hills of northeastern Kansu; flowers golden yellow.

147375. (Undetermined).

147376 and 147377.

From Africa. Seeds obtained from the British Experiment Station, Tanganyika, through Peter Heinz, Brownsville, Tex. Received November 23, 1943.

147376. CINCHONA OFFICINALIS L. (*C. ledgeriana* Trim.). Rubiaceae.

147377. CINCHONA PUBESCENS Vahl (*C. succirubra* Pav.).

For previous introduction see 147303.

147378 to 147397.

From Canada. Seeds presented by the Experiment Station, Morden, Manitoba. Received November 17, 1943.

147378. CARAGANA SPINOSA (L.) DC. Fabaceae.

A spiny shrub up to 6 feet high, or sometimes prostrate, with small pinnate leaves, and solitary yellow flowers about 1 inch long. Native to Siberia.

For previous introduction see 42312.

147378 to 147397—Continued

147379. *CRATAEGUS SUCCULENTA* Link. Malaceae.

A spiny tree about 15 feet high, with coarsely serrate leaves, small white flowers in dense villous corymbs, and red globose fruits about $\frac{1}{2}$ inch in diameter. Native to the northeastern United States.

147380. *MORUS ALBA* var. *TATARICA* (L.) Loud. Moraceae.

Russian mulberry.

147381. *POTENTILLA FRUTICOSA* var. *FRIEDRICHSENII* (Spaeth) Rehd. Rosaceae.

For previous introduction see 97998.

147382. *POTENTILLA FRUTICOSA* L.

Shrubby cinquefoil.

For previous introduction see 100885.

147383. *PRINSEPIA SINENSIS* Oliver. Amygdalaceae.

Cherry prinsepia.

For previous introduction see 147349.

147384. *PRUNUS FRUTICOSA* Pall. Amygdalaceae.

Bush cherry.

A spreading shrub about 3 feet high, with obovate leaves 1 to 2 inches long, small white flowers in sessile umbels, and dark-red, globose, edible fruits an inch in diameter. Native to eastern Europe and Siberia.

For previous introduction see 34482.

147385. *PRUNUS HUMILIS* Bunge.

Cherry.

For previous introduction see 394436.

147386. *PRUNUS JAPONICA* Thunb.

Chinese bush cherry.

For previous introduction see 147350.

147387. *PRUNUS* sp.

147388. *PRUNUS PADUS* var. *COMMUTATA* Dipp.

Harbinger cherry.

"May Day tree."

For previous introduction see 90794.

147389. *PRUNUS SALICINA* Lindl.

Japanese plum.

For previous introduction see 136388.

147390. *PRUNUS TOMENTOSA* Thunb.

Manchu cherry.

For previous introduction see 147352.

147391. *PYRUS COMMUNIS* L. Malaceae.

Common pear.

Wild pear.

147392. *RIBES ALPINUM* L. Grossulariaceae.

Mountain currant.

For previous introduction see 40417.

147393. *RIBES DIACANTHA* Pall.

Currant.

For previous introduction see 147353.

147394. *SAMBUCUS RACEMOSA* L. Caprifoliaceae.

European red elder.

For previous introduction see 108771.

147395. *SYRINGA AMURENSIS* Rupr. Oleaceae.

Manchurian lilac.

For previous introduction see 147354.

147396. *SYRINGA JAPONICA* (Maxim.) Decaisne.

Japanese tree lilac.

For previous introduction see 147355.

147397. *SYRINGA VILLOSA* Vahl.

Late lilac.

For previous introduction see 93124.

147398 to 147418.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 23, 1943.

147398 to 147409. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

147398. *Blue Lake*. 147404. *Improved Kidney Wax*.

147399. *Burpee's Stringless Green Pod*. 147405. *Kentucky Wonder (Brown)*.

147400. *Full Measure*. 147406. *Pencil Pod Black Wax*.

147401. *Dwarf Horticulture*. 147407. *Plentiful*.

147402. *Giant Stringless Green Pod*. 147408. *U. S. No. 1 Refugee*.

147403. *Idaho Refugee*. 147409. *U. S. No. 5 Refugee*.

147410. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

U. S. No. 2 Lima bean.

147411 to 147418. *PISUM SATIVUM* L. Fabaceae. Pea.

147411. *Glacier*. 147415. *Premium Gem*.

147412. *Fenton*. 147416. *Pride*.

147413. *Hundredfold*. 147417. *Surprise*.

147414. *Perfection*. 147418. *World's Record*.

147419 to 147423. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. Sweetpotato.

From Maryland. Plants obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 24, 1943.

147419. *B. 33*. 147422. *Triumph*.

147420. *Pierson*. 147423. *Yellow Strassburgo*.

147421. *Southern Queen*.

147424. *HUMULUS* sp. Moraceae. Hop.

From Oregon. Plants presented by R. E. Fore, School of Agriculture, Oregon Agricultural Experiment Station, Corvallis. Received November 25, 1943.

Red Vine.

147425 to 147427.

From China. Seeds presented by Andrew Tse. Received November 20, 1943.

147425. *DELPHINIUM LIKIANGENSE* Franch. Ranunculaceae.

For previous introduction see 112030.

147426. *INCARVILLEA GRANDIFLORA* Bur. & Franch. Bignoniaceae.

For previous introduction see 99681.

147427. *INCARVILLEA LUTEA* Bur. & Franch.

For previous introduction see 111741.

147428. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

From Mongolia. Seeds collected by Brig. Gen. Howard C. Davidson, Headquarters, Tenth Air Force, U. S. Army. Received November 20, 1943.

Collected in Outer Mongolia.

147429 to 147450.

From South America. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received November 30, 1943.

Nos. 147429 to 147439 from Corumba, Mato Grosso, Brazil, September 19, 1943.

147429. *ACACIA* sp. Mimosaceae.

147430. *ARISTOLOCHIA* sp. Aristolochiaceae.

147431. *ARISTOLOCHIA* sp.

147432. *ASCLEPIAS* sp. Asclepiadaceae.

A vine with slightly irregular, high corky ridges along the stem; leaves cordate, short-acuminate, the upper surface slightly rough-pubescent, the under surface softly pubescent, both surfaces minutely glandular, and the margins ciliate.

147433. *ASCLEPIAS* sp.

An erect shrub with corky ridges along the lower portion of the stem and with oblong, short-acuminate leaves, cuneate at the base, glabrous, somewhat shining, rather thick and leathery.

147434. *CARDIOSPERMUM* sp. Sapindaceae.

147435. *CLEMATIS* sp. Ranunculaceae.

147436. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

147437. *ENTEROLOBIUM* sp. Mimosaceae.

147438. *FAGARA* sp. Rutaceae.

147439. *IPOMOEA* sp. Convolvulaceae.

147440. *LACTUCA SATIVA* L. Cichoriaceae.

Garden lettuce.

From Porto Velho, Amazonas, Brazil. September 19, 1943.

Nos. 147441 to 147443 from Corumba, Mato Grosso, Brazil. September 19, 1943.

147441. *ALLIUM* sp. Liliaceae.

147442 and 147443. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

147444 and 147445. *PHASEOLUS VULGARIS* L.

Common bean.

From Porto Velho, Amazonas, Brazil. September 12, 1943.

Nos. 147446 and 147447 from Corumba, Mato Grosso, Brazil. September 19, 1943.

147446. *PIPTADENIA* sp. Mimosaceae.

147447. *PIPTADENIA* sp.

147448. *SAPINDUS* sp. Sapindaceae.

From Lago Huacho, Carmen, Bolivia.

Nos. 147449 and 147450 from Corumba, Mato Grosso, Brazil. September 19 and 20, 1943.

147449. *SAPINDUS* sp.

147450. *SOLANUM* sp. Solanaceae.

147451 and 147452. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

From South Carolina. Seeds purchased from Coker's Pedigreed Seed Co., Hartsville. Received December 3, 1943.

147451. *N. C. 401*.

147452. *Virginia Bright Leaf*.

147453. SALIX INTERIOR Rowlee. Salicaceae. Willow.

From Washington, D. C. Cuttings presented by the Soil Conservation Service, United States Department of Agriculture. Received December 3, 1943.

From the Soil Conservation Nursery, Mandan, N. Dak.

147454. ALLIUM CEPA L. Liliaceae. Onion.

From Colorado. Seeds presented by Prof. A. M. Binkley, Colorado Agricultural Experiment Station, Fort Collins. Received December 3, 1943.

Colorado No. 6.

147455. CORNUS FLORIDA var. RUBRA West. Cornaceae. Dogwood.

From New York. Seeds purchased from Herbst Bros., New York. Received December 7, 1943.

Redflowering Dogwood.

147456 to 147467.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received November 30, 1943.

From Corumba, Mato Grosso, Brazil. September 19 and 20, 1943.

147456. ARISTOLOCHIA sp. Aristolochiaceae.

147457. ARISTOLOCHIA sp.

147458. BIGNONIA sp. Bignoniaceae.

147459. CLITORIA TERNATEA L. Fabaceae.

147460. DATURA sp. Solanaceae.

147461. DATURA sp.

147462. OPERCULINA TUBEROSA L. Meisn. (*Ipomoea tuberosa* L.) Convolvulaceae.

For previous introduction see 104241.

147463. OPUNTIA sp. Cactaceae.

147464. OPUNTIA sp.

147465. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

147466. TABEUIA sp. Bignoniaceae.

147467. TECOMA sp. Bignoniaceae.

147468 and 147469. CAESALPINIA SPINOSA (Mol.) Kuntze (*C. pectinata* Cav.). Caesalpiniaceae. Tara.

From California. Seeds collected at Chula Vista in 1943 and presented by the Eastern Regional Research Laboratory, Philadelphia (Wyndmoor), Pa., Bureau of Agricultural and Industrial Chemistry, United States Department of Agriculture. Received December 14, 1943.

For previous introduction see 146722.

147470. EUCOMMIA ULMOIDES Oliver. Trochodendraceae. Tu-chung.

From Washington. Seeds presented by Roland Koepf, Park Maintenance Superintendent, Board of Park Commissioners, Volunteer Park, Seattle. Received November 30, 1943.

For previous introduction see 983370.

147471. ZEA MAYS L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1943.

Gehu Yellow flint corn, grown in North Dakota.

147472 and 147473.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1943.

Grown in Texas.

147472. CHLORIS GAYANA Kunth. Poaceae.

Rhodes grass.

For previous introduction see 145871.

147473. SORGHUM HALEPENSE (L.) Pers. Poaceae.

Johnson grass.

147474 and 147475.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 4, 1943.

147474. LYCOPERSICON HIRSUTUM var. **GLABRATUM** C. H. Mull. Solanaceae.

147475. LYCOPERSICON HIRSUTUM Humb. & Bonpl.

For previous introduction see 147059.

147476 to 147480. PENNISETUM PURPUREUM × **GLAUCUM**.

Poaceae.

Grass.

From Georgia. Cuttings presented by Glenn W. Burton, Experiment Station, Tifton. Received December 6, 1943.

147476. Napier × Cattail Millet Hybrid No. 4.

147477. Napier × Cattail Millet Hybrid No. 5.

147478. Napier × Cattail Millet Hybrid No. 6.

147479. Napier × Cattail Millet Hybrid No. 7.

147480. Napier × Cattail Millet Hybrid No. 9.

For previous introduction see 147302.

147481. GOSSYPIUM. Malvaceae.

Cotton.

From Ecuador. Seeds presented by Ernesto Molestina C., Director General de Agricultura y Ganadería, Ministerio de Agricultura, Quito. Received December 10, 1943.

Wild cotton from Galapagos Islands.

147482 to 147484. FRAGARIA. Rosaceae.

Strawberry.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 10, 1943.

147482. Blakemore.

147483. Massey.

147484. Missionary.

147485. AXONOPUS COMPRESSUS (Swartz) Beauv. Poaceae.

Carpet grass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 12, 1943.

Grown in Mississippi.

For previous introduction see 147080.

147486 to 147495.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 14, 1943.

147486. *AGROSTIS ALBA* L. Poaceae. Redtop.

Grown in Maryland.

147487. *AGROPYRON SPICATUM* (Pursh) Scribn. & Smith. Poaceae. Grass.

Grown in Washington.

147488. *AGROPYRON SPICATUM* (Pursh) Scribn. & Smith.

Grown in Washington.

147489. *BROMUS INERMIS* Leyss. Poaceae. Smooth brome grass.

Grown in South Dakota.

147490. *BROMUS INERMIS* Leyss.

Grown in Kansas.

147491. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.

Grown in Maryland.

147492. *FESTUCA ELATIOR* L.

Grown in Oregon.

147493. *FESTUCA OVINA* L. Poaceae. Sheep fescue.

Grown in New York.

147494. *PHLEUM PRATENSE* L. Poaceae. Timothy.

Grown in Ohio.

147495. *PHLEUM PRATENSE* L.

Grown in Ohio.

147496. *HEDERA HELIX* var. *TAURICA* (Tobl.) Rehder. Araliaceae.

From Turkey. Plants collected by H. L. Westover and C. R. Enlow, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received December 3, 1934; numbered December 15, 1943.

From a dry mountain slope north of Nallihan. A variety of the English ivy with the leaves narrow, usually sagittate, with elongated middle lobe and 1 or 2 short spreading lobes on each side at base. Native to Crimea.

147497. *PRUNUS ARMENIACA* L. Amygdalaceae. Apricot.

From California. Tree growing at the United States Plant Introduction Garden, Chico. Numbered December 9, 1943.

Selection (D-15-14) from P. I. 28962.

147498 to 147515. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 7, 1943.

147498. *Bansei*. From Beltsville, Md.

147499. *Cherokee*. From Monetta, S. C.

147500. *Chusei*. From Beltsville, Md.

147501. *Easycok*. From New Jersey.

147502. *Edsey*. From Beltsville, Md.

147503. *Etum*. From Beltsville, Md.

147498 to 147515—Continued

147504. *Giant Green*. From New Jersey.

147505. *Hahto-a-A*. From Monetta, S. C.

147506. *Hahto-2-B*. From Monetta, S. C.

147507. *Hakota*. From Beltsville, Md.

147508. *Higan-B*. From Beltsville, Md.

147509. *Hokkaido*. From New Jersey.

147510. *Imperial*. From New Jersey.

147511. *Kanro*. From Beltsville, Md.

147512. *Kura*. From Beltsville, Md.

147513. *Rokunsun-5-M*. From Beltsville, Md.

147514. *Seminole*. From Monetta, S. C.

147515. *Sousei 2-W*. From Beltsville, Md.

147516. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Michigan. Seeds presented by V. R. Gardner, Director, Michigan Agricultural Experiment Station, East Lansing. Received December 8, 1943.

Northern Spy.

147517. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 8, 1943.

Houma. Grown in Maine.

147518. *EUCOMMIA ULMOIDES* Oliver. Trochodendraceae.

Tu-chung.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered November 9, 1943.

147519 and 147520. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 9, 1943.

147519. *Connecticut Broadleaf*.

147520. *Connecticut Harvard*.

147521 to 147526.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 20, 1943.

147521. *SOLANUM ACAULE* Bitter. Solanaceae.

For previous introduction see 39417.

147522. *SOLANUM CHACOENSE* Bitter.

For previous introduction see 121504.

147523. *SOLANUM COMMERSONII* Dunal.

A wild potato, native to humid regions in Uruguay, with small tubers of bitter flavor.

For previous introduction see 57213.

147521 to 147526—Continued

147524. *SOLANUM CURTILOBUM* Juz. & Buk. Solanaceae.

A wild relative of the potato from the mountains of southern Peru and Bolivia.

For previous introduction see 139141.

147525. *SOLANUM DEMISSUM* Lindl.

A wild potato from the highlands of central Mexico.

For previous introduction see 9005.

147526. *SOLANUM POLYADENIUM* Greenm.

A Mexican tuber-bearing species from limestone hills, central Mexico.

For previous introduction see 36992.

147527 to 147535.

From Florida. Plants purchased from the Glen Saint Mary Nursery, Glen Saint Mary. Received December 22, 1943.

147527 to 147533. *AMYGDALUS PERSICA* L. Amygdalaceae.

Peach.

147527. *Angel*.

147531. *Jewel*.

147528. *Dorothy N*.

147532. *Taber*.

147529. *Florida Gem*.

147533. *Waldo*.

147530. *Hall's Yellow*.

147534 and 147535. *VITIS* sp. Vitaceae.

Grape.

147534. *Beacon*.

147535. *Concord*.

147536. *BALMEA STORMAE* Martinez. Rubiaceae.

From Mexico. Seeds collected by Marion Storm, Michoacán, and presented by Dr. William R. Maxon, United States National Museum. Received May 9, 1941. Numbered in December 1943.

A shrub 12 to 20 feet high, with smooth, greenish-purple bark, broadly ovate, somewhat fleshy leaves 3 to 6 inches long, and sweet-scented, dark-purple flowers about 1 inch long in terminal pendulous cymes. Native to Michoacán, Mexico.

147537 and 147538.

From England. Seeds presented by S. F. Armstrong, Manager of Field Trials, National Institute of Agricultural Botany, Huntington Road, Cambridge. Received December 14, 1943.

147537. *HORDEUM DISTICHON* L. Poaceae.

Barley.

Pioneer Winter Barley.

147538. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

Jubilegem Wheat.

147539. *CROTALARIA USARAMOENSIS* Baker f. Fabaceae.

From Argentina. Seeds presented by Enrique F. Schultz, Director-interino, Estación Experimental Agrícola, Tucumán. Received December 15, 1943.

For previous introduction see 117937.

147540 to 147549.

From Florida and the Canal Zone. Seeds presented by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received December 28, 1943.

Unless otherwise mentioned the material was obtained in Florida.

147540 to 147549—Continued

147540. CITRUS ICHANGENSIS \times RETICULATA. Rutaceae. Kansu orange.

From the Florida Citrus Experiment Station, Lake Alfred.

147541. CITRUS sp.

Shangyuan (Ichang lemon).

147542. CITRUS MACROPTERA Montrouz.

From the residence of Dr. David Fairchild, Coconut Grove. A tropical tree about 15 feet high, with green branchlets and elongate-acuminate leaves up to 1 foot long, with winged petioles. The subglobose fruits are about the size of an orange and have very little juice. Native to south-eastern Asia.

Received as variety "sumatrana," a name for which a place of publication has not been found.

147543. CITRUS.

From Coconut Grove, December 13, 1943. Probably a hybrid of *C. reticulata*.

147544. CITRUS RETICULATA \times PARADISI.

Sampson Tangelo. From the residence of Dr. David Fairchild, Coconut Grove. Collected December 10, 1943.

147545. CITRUS sp.

From the Florida Citrus Experiment Station, Lake Alfred. Collected December 15, 1943.

CPB. 10071. *Changsha* (hardy orange).

147546. CITRUS.

From the United States Plant Introduction Garden, Coconut Grove. Collected December 13, 1943.

Shequasha. A hybrid of *C. reticulata*.

Originally from the Loochoo Islands.

147547. SEVERINIA BUXIFOLIA (Poir.) Ten. Rutaceae.

From the Florida Citrus Experiment Station, Lake Alfred. A small spiny shrub, native to southern China, with glossy green leaves and axillary clusters of small, pure-white flowers.

For previous introduction see 109786.

147548. SWINGLEA GLUTINOSA (Blanco) Merrill. Rutaceae.

From the Canal Experiment Gardens, Summit, Canal Zone. Collected October 1943.

Tabog. A small spiny tree, native to the Philippines, with trifoliolate leaves and rather large white flowers in small clusters.

For previous introduction see 144663.

147549. BLIGHIA SAPIDA Koen. Sapindaceae.

Akee.

From the residence of Dr. David Fairchild, Coconut Grove. Collected December 15, 1943.

For previous introduction see 103742.

147550 to 147563.

From Colombia. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received December 13, 1943.

Nos. 147550 to 147556 from Trapeze area, near Loretoyacu River. Collected October 1, 1943.

147550 to 147563—Continued

147550. *AESCHYNOMENE* sp. Fabaceae.

No. 10094. *Adormidera*. From Indian garden.

147551 and 147552. *CALOPOGONIUM CAERULEUM* (Benth.) Hemsl. Fabaceae.

147551. No. 1009a.

147552. No. 10095. *Poratillo* (climbing legume).

147553. *CANAVALIA* sp. Fabaceae.

No. 10099. Climbing legume.

147554. *CASSIA* sp. Caesalpiniaceae.

No. 10071. Herbaceous legume.

147555. *INDIGOFERA* sp. Fabaceae.

No. 10072.

147556. *SORGHUM VULGARE* Pers. Poaceae.

Sorghum.

No. 10088. Popping type.

147557 to 147559. *VIGNA CYLINDRICA* (Stickm.) Skeels. Fabaceae.

Catjang.

From Trapeze area, near Loretoyacu River. Grown by the Ticuna Indians. Collected November 10, 1943.

147557. No. 10110.

147558. No. 10111. Best flavor of legumes grown by Ticuna Indians.

147559. No. 10114.

147560 to 147563. *VIGNA SINENSIS* (Torner) Hassk. Fabaceae. Cowpea.

From Colombia. Grown by the Ticuna Indians. Collected November 10, 1943.

147560. With. No. 10114.

147561. No. 10112.

147562. No. 10113.

147563. No. 10115.

147564 to 147571.

From China. Seeds presented by Ray G. Johnson, Oregon Agricultural Experiment Station, Corvallis, Oreg. Received December 20, 1943.

Collected at Taining, Chinese-Tibetan border, Sikang Province.

147564. *ASTRAGALUS* sp. Fabaceae.

No. 5.

147565. *ASTRAGALUS* sp.

No. 6.

147566. *ASTRAGALUS* sp.

No. 7.

147567. *MEDICAGO LUPULINA* L. Fabaceae.

Black medic.

No. 1.

147568. *MELILOTUS* sp. Fabaceae.

No. 2.

147569. *VICIA ANGUSTIFOLIA* Grufberg. Fabaceae.

Vetch.

No. 8.

For previous introduction see 121275.

147564 to 147571—Continued

147570. *Vicia* sp. Fabaceae.

No. 4.

147571. *Vicia* sp. Fabaceae.

No. 3.

147572. *CAJANUS CAJAN* (L.) Druce. Fabaceae. Pigeonpea.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Campinas. Received December 23, 1943.

147573. *SORGHUM VULGARE* Pers. Poaceae. Sorghum.

From French Guiana. Seeds presented by the Governor, Cayenne. Received December 28, 1943.

147574 and 147575.

From Chile. Seeds presented by Carlos Junge, Jardín Zoológico, Concepción. Received December 24, 1943.

147574. *PASITHEA COERULEA* D. Don. Liliaceae.

A tall perennial, with narrow linear leaves and purplish-blue flowers 1 inch across in an erect panicle terminating a slender erect scape. Native to Chile.

147575. *SALIX HUMBOLDTIANA* Willd. Salicaceae. Willow.

147576 to 147584.

From Brazil. Seeds collected by J. T. Baldwin, Jr. Received December 20, 1943.

Nos. 147576 to 147582 are from the Botanic Garden, Rio de Janeiro. November 22, 1943.

147576. *BAUHINIA* sp. Caesalpiniaceae.147577. *CASSIA* sp. Caesalpiniaceae.147578. *CLITORIA RACEMOSA* G. Don. Fabaceae.

For previous introduction see 139533.

147579. *CROTALARIA* sp. Fabaceae.147580. *CRYPTOSTEGIA GRANDIFLORA* R. Br. Asclepiadaceae.

Palay rubbervine.

For previous introduction see 145918.

147581. *CUPANIA* sp. Sapindaceae.147582. *NICOTIANA TABACUM* L. Solanaceae.

Common tobacco.

Growing without cultivation.

147583. *OPUNTIA* sp.

From Corumba, Mato Grosso.

147584. *SWARTZIA CROCEA* Benth. (*Toumatea crocea* Benth.) Kuntze. Caesalpiniaceae.

From the Botanic Garden, Rio de Janeiro.

For previous introduction see 43387.

147585 to 147626.

From Brazil. Seeds presented by J. T. Baldwin, Jr. Received December 8, 1943.

Collected in the State of Mato Grosso.

147585 to 147626—Continued

147585 and 147586. *TAMARINDUS INDICA* L. Caesalpiniaceae.

147585. From Rosario Oeste. November 2, 1943.

147586. From Cuyabá, October 5, 1943.

147587. *ALBIZZIA* sp. Mimosaceae.

From Rosario Oeste, September 24, 1943.

147588. *ANNONA* sp. Annonaceae.

From Salto Belo, Rio Sacre, October 26, 1943.

147589. *ANNONA MURICATA* L.

Soursop.

From Rosario Oeste, November 2, 1943.

For previous introduction see 146585.

147590. *ASCLEPIAS* sp. Asclepiadaceae.

From Cuyabá, October 5, 1943.

147591. *ATTALEA* sp. Phoenicaceae.

Palm.

Collected October 1943.

147592. *BACCHARIS* sp. Asteraceae.

From Villa Braca, Rio Armas, September 26, 1943.

147593. *BANISTERIA* sp. Malpighiaceae.

From Cuyabá, October 5, 1943.

147594. *BAUHINIA* sp. Caesalpiniaceae.

From Salto Belo, Rio Sacre, October 25, 1943.

147595. *BAUHINIA* sp.

From near Cuyabá, October 9, 1943.

147596. *BAUHINIA* sp.

From Cuyabá, October 5, 1943.

147597. *BAUHINIA* sp.

From Cuyabá, October 5, 1943.

147598. *CAESALPINIA* sp. Caesalpiniaceae.

From Cuyabá, October 12, 1943.

147599. *CASSIA* sp. Caesalpiniaceae.

From Cuyabá, September 22, 1943.

147600. *CASSIA* sp.

From Cuyabá, September 21, 1943.

147601. *COCOS* sp. Phoenicaceae.

Palm.

From Agua Limpa, October 12, 1943.

147602. *CORDIA* sp. Boraginaceae.

147603. *DIPTERYX ODORATA* (Aubl.) Willd. Fabaceae.

Tonka-bean.

For previous introduction see 111218.

147604. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

From Cuyabá, September 21, 1943.

147605. *ENTEROLOBIUM* sp. Mimosaceae.

From Cuyabá, September 21, 1943.

147606. *GALACTIA* sp. Fabaceae.

From near Cuyabá, October 9, 1943.

147585 to 147626—Continued

147607. *GOSSYPIUM*. Malvaceae. Cotton.
From Rosario Oeste, October 3, 1943.
147608. *LUCUMA* sp. Sapotaceae.
147609. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
From Rosario Oeste, October 2, 1943.
147610. *LYCOPERSICON ESCULENTUM* Mill.
From Parecis, October 30, 1943.
147611. *MYROSPERMUM* sp. Fabaceae.
From Cuyabá, October 5, 1943.
147612. *NICOTIANA TABACUM* L. Solanaceae. Common tobacco.
From Cuyabá, October 5, 1943.
147613. *PASSIFLORA* sp. Passifloraceae.
From Parecis, October 29, 1943.
147614. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
From Villa Braca, Rio Armas, September 26, 1943.
147615. *PIPTADENIA* sp. Sapindaceae.
From near Cuyabá, October 9, 1943.
147616. *SAPINDUS* sp. Sapindaceae.
From Sacre, Rio Sacre, October 12, 1943.
147617. *SAPIUM* sp. Euphorbiaceae.
From Villa Braca, Rio Armas, September 28, 1943.
147618. *SERJANIA* sp. Sapindaceae.
From Salto Belo, Rio Sacre, October 25, 1943.
147619. *SERJANIA* sp.
From Villa Braca, Rio Armas, September 26, 1943.
147620. *SOLANUM* sp. Solanaceae.
From Parecis, November 1, 1943. Shrubby; fruits edible, of good quality.
147621. *SOLANUM* sp.
From Parecis, October 11, 1943. Fruits large, edible.
147622. *STIGMAPHYLLON* sp. Malpighiaceae.
From Salto Belo, Rio Sacre, October 21, 1943.
147623. *TERMINALIA* sp. Combretaceae.
From Rosario Oeste, October 28, 1943.
147624. *VIGNA CYLINDRICA* (Stickm.) Skeels. Fabaceae. Catjang.
From Barao de Capanema, October 28, 1943.
147625. *XYLOPIA* sp. Annonaceae.
From Salto Belo, Rio Sacre, October 25, 1943.
147626. *ZIZYPHUS* sp. Rhamnaceae.
From near confluence of Rio Sacre and Rio Papageio, October 19, 1943.

147627 to 147632.

From Peru. Seeds obtained through the Office of Economic Warfare, Washington, D. C. Received December 29, 1943.

147627 to 147632—Continued

147627. *CINCHONA MICRANTHA* Ruiz & Pav. Rubiaceae.

No. 6. Type Monopol. From La Oroya, Alto Inambari River, Province of Sandia, Department of Puno, at 3,000 feet altitude, October 1943. A medium-sized tree with large, oval to obovate, nearly glabrous leaves, and pink flowers about $\frac{1}{4}$ inch long in large open panicles. Native to Peru.

147628 and 147629. *CINCHONA OFFICINALIS* L.

From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude. November 1943.

147628. No. 1. Type Crespilla.

147629. No. 5. Type probably Loja. From northern Peru, August 1943.

147630. *CINCHONA PUBESCENS* Vahl (*C. succirubra* Pav.). Rubiaceae.

No. 4. Type Amarilla.

From Panao, Province of Pachitea, Department of Huanuco, at 6,500 feet altitude, September 1943.

147631. *CINCHONA* sp.

No. 2. Type Colorado.

From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude, November 1943.

147632. *CINCHONA* sp.

No. 3. Type Amarilla.

From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude, November 1943.

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Plant Inventory No. 152

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1951



PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION, JANUARY 1 TO DECEMBER 31, 1944 (Nos. 147633 to 150208)

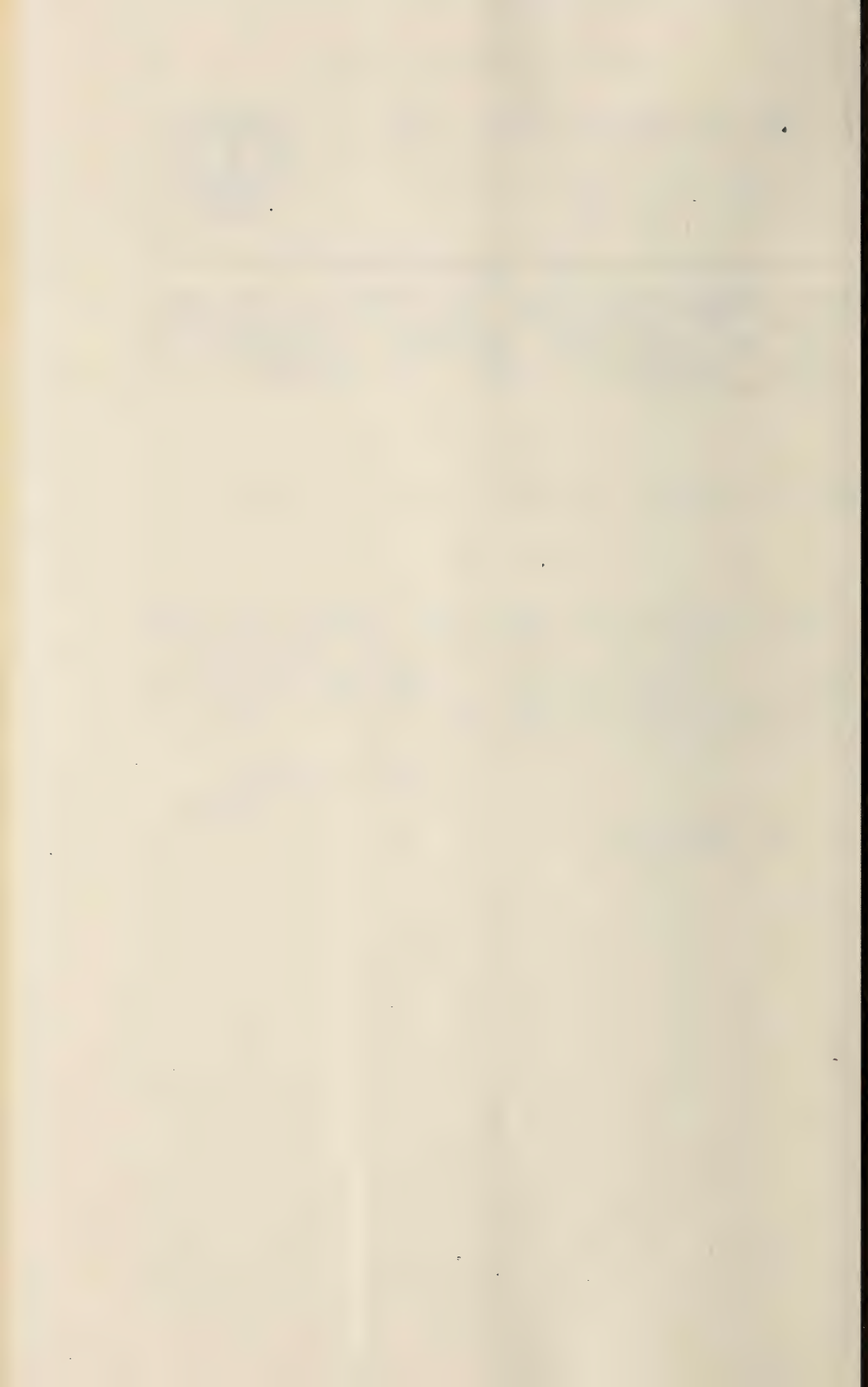
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This inventory, No. 152, lists the plant material (Nos. 147633 to 150208) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1944. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*



INVENTORY

147633. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Iran. Seeds collected by Dr. Walter Koelz, Tehran; agent, Bureau of Plant Industry, Soils, and Agricultural Engineering. Seeds collected at Karaj, and forwarded by H. E. Myers, Foreign Service Auxiliary, American Legation, Cairo, Egypt. Received February 3, 1943.

A variety said to be of exceptional yield and of excellent bread-making quality.

147634. ZEA MAYS L. Poaceae. Corn.

From Peru. Seeds collected by Carl O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, December 12, 1943.

Grown by the Ticuna Indians in Peru in a region opposite the mouth of the Loretto-yacu River in Colombia.

Sweet corn; selected from 500 ears of various starchy types.

147635. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray. Solanaceae. Tomato.

From Ecuador. Seeds presented by Ernesto Molestina O., Director General of Agriculture, Quito. Received January 1, 1944.

147636. PUYA DASYLIRIOIDES Standl. Bromeliaceae.

From Costa Rica. Seeds presented by Richard G. Atkinson and David Barry, Jr., of Los Angeles, Calif. Received February 7, 1944.

A spiny plant 3 to 8 feet high, with pineapple-like foliage. Native to Costa Rica.

147637 to 147645.

From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos. Received January 26, 1943.

147637. ABELMOSCHUS ESCULENTUS (L.) Moench. (*Hibiscus esculentus* L.). Malvaceae. Okra.

147638. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

Chile japonica; fruit three-fourths inch in diameter.

147639. CESTRUM NOCTURNUM L. Solanaceae. Nightblooming jessamine.

A West Indian shrub 4 to 12 feet high with ovate-acuminate leaves, and clusters of fragrant, tubular, creamy-yellow flowers that open at night.

147640. CHAMAEDOREA sp. Phoenicaceae. Palm.

Used as a house plant.

147641. AMARYLLIS sp. Amaryllidaceae.

Flowers deep red, very large.

147642. PASSIFLORA EDULIS Sims. Passifloraceae. Purple granadilla.

For previous introduction see 114985.

147643. PSIDIUM GUAJAVA L. Myrtaceae. Guava.

Fruits small, red; of acid-sweet flavor.

For previous introduction see 135091.

147644 and 147645. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

147644. Red-seeded.

147645. White-seeded.

147646. *VITIS* sp. Vitaceae.

Grape.

From Texas. Cuttings purchased from Wolf's Nursery, Stephenville. Received February 9, 1944.

Cloeta.

147647. *FESTUCA RUBRA* L. Poaceae.

Red fescue.

From Canada. Seeds presented by the Department of Agriculture, Central Experiment Farm, Ottawa, Ontario.

147648. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

From Canada. Seeds presented by the Experimental Farm, Agassiz, British Columbia. Received February 9, 1944.

147649. *CINCHONA PITAYENSIS* Wedd. Rubiaceae.

From Colombia. Seeds presented by R. H. Allee, Foreign Agricultural Relations, United States Department of Agriculture. Received February 19, 1944. From Popayan.

147650 to 147669. *PISUM SATIVUM* L. Fabaceae.

Pea.

From Connecticut. Seeds purchased from the Associated Seed Growers, New Haven. Received January 27, 1944.

147650. *Alderman.*147660. *Onward.*147651. *Canner King.*147661. *Perfection.*147652. *Climax.*147662. *Pride.*147653. *Early Harvest.*147663. *Prince of Wales.*147654. *Gilbo.*147664. *Profusion.*147655. *Glacier.*147665. *Shasta.*147656. *Green Admiral.*147666. *Surprise.*147657. *Major.*147667. *Stratagem.*147658. *Multifold.*147668. *Teton.*147659. *Number 40.*147669. *Thomas Laxton.*147670 to 147686. *ZEA MAYS* L. Poaceae.

Corn.

From Colombia. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received January 29, 1944.

No detailed notes.

147687 to 147696.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, Boyce, Va. Received January 19, 1944.

Material collected in the State of Mato Grosso.

147687. *ARISTOLOCHIA* sp. Aristolochiaceae.

From Guajara-mirim, Guajara Territory. December 7, 1943.

147688. *ASCLEPIAS* sp. Asclepiadaceae.

From Corumba. December 4, 1943.

147689. *COCHLOSPERMUM* sp. Cochlospermaceae.

From Guajara-mirim, Guajara Territory. December 7, 1943.

147690. *CORDIA* sp. Boraginaceae.

From Guajara-mirim, Guajara Territory. December 7, 1943.

147691. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

From Guajara-mirim, Guajara Territory. December 7, 1943.

147687 to 147696—Continued**147692. GOSSYPIUM.** Malvaceae.**Cotton.**

From Abuna-Guajara. December 9, 1943.

Uncultivated.

147693. JATROPHA sp. Euphorbiaceae.

From Abuna-Guajara. December 9, 1943.

147694. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Corumba. December 4, 1943.

Baldwin 3143.

147695. NICOTIANA sp.**Tobacco.**

From Guajara-mirim, Guajara Territory. December 6, 1943.

147696. SWARTZIA sp. Caesalpiniaceae.

From Guajara-mirim, Guajara Territory. December 7, 1943.

Small tree about 6 feet high.

147697. SORGHUM VULGARE Pers. Poaceae.**Sorghum.**

From French Guiana. Seeds presented by the Governor, Cayenne. Received January 19, 1944.

147698 to 147702.

From Belgian Congo. Seeds presented by the INEAC Botanic Garden, Eala, through E. A. Menninger, Stuart, Fla. Received January 28, 1944.

147698. CYNOMETRA SESSILIFLORA var. **LAURENTII** (Wildem.) Lebrun. Caesalpiniaceae.**147699. DANIELLA THURIFERA** J. J. Benn. Caesalpiniaceae.**147700. HEINSIA PULCHELLA** (G. Don) Schum. Rubiaceae.**147701. MILETTIA LAURENTII** Wildem. Fabaceae.**147702. MILETTIA VERSICOLOR** Baker.**147703 and 147704.**

From Florida. Seeds presented by the County Nursery, Coconut Grove, through W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received January 3, 1944.

147703. ALECTRYON SUBCINEREUM (A. Gray) Radlk. (*Nephelium leio-carpum* F. Muell.) Sapindaceae.A small evergreen tree, native to southeastern Australia, and closely related to the lychee (*Litchi chinensis*).**147704. VITEX PARVIFLORA** Juss. Verbenaceae.**Chaste-tree.**

A Philippine timber tree with hard, pale-yellow wood said to be highly resistant to termites and fungi, and to the action of sea water.

147705 and 147706.

From Peru. Seeds presented by Bernardo Moravsky, Lima. Received January 13, 1944.

147705. COPAIFERA sp. Caesalpiniaceae.**147706. MYROXYLON BALSAMUM** (L.) Harms. (*M. toluiferum* H.B.K.). Fabaceae.

A South American tree that is the source of balsam of Tolu, a substance used in medicine and as a fixative for perfumes.

For previous introduction see 72439.

147707. ZEA MAYS L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received January 20, 1944.

Turpam. Grown in Louisiana.

147708. CROTALARIA JUNCEA L. Fabaceae. Sunn-hemp.

From Florida. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received January 27, 1944.

Grown at Homestead.

For previous introduction see 145795.

147709. GARCIA NUTANS Vahl. Euphorbiaceae.

From Mexico. Plants presented by S. J. Lynch, Subtropical Experimental Station, Homestead, Fla. Numbered February 2, 1944.

147710. CEIBA ACUMINATA (S. Wats.) Rose. Bombacaceae. Pochote.

From Mexico. Seeds presented by Alfonzo P. Zepada, San Javier, Sonora. Received February 5, 1944.

For previous introduction see 134523.

147711. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. Kudzu.

From Virginia. Crowns obtained through the Soil Conservation Service, United States Department of Agriculture, Washington, D. C. Received February 7, 1944.

From the Soil Conservation Service Nursery at Sandy Level.

For previous introduction see 146719.

147712. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Costa Rica. Seeds presented by Prof. José Maria Orozco, University of Costa Rica, San José. Received January 11, 1944.

Tomatillo Carne.

147713. ESENBECKIA RUNYONI Morton. Rutaceae.

From Texas. Seeds collected by Robert Runyon, Brownsville. Received January 12, 1944.

A tree about 30 feet high, with a round top and bright-green trifoliate leaves that remain on the tree until spring. The tree usually blooms twice annually, in May and November; the fruit from the early flowers maturing in August. The symmetrical panicle produces many hundreds of small, white, fragrant flowers. A dozen or so fruits set on each panicle and grow until most of them are about 5 cm. in diameter, and then all but one or two fall off. The tree is very rare and is known only from Cameron County, Tex. The seeds of *Esenbeckia* are ejected from the mature capsules with considerable force.

147714. NICOTIANA TABACUM L. Solanaceae. Common tobacco.

From North Carolina. Seeds purchased from Roy Waynick, Reidsville. Received January 12, 1944.

Variety 400.

147715 to 147717. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From California. Plants purchased from the Armstrong Nursery Co., Ontario. Received January 13, 1944.

147715 to 147717—Continued

147715. *Babcock*.147716. *C. O. Smith*.147717. *Golden Blush*.147718. PHYLLOSTACHYS BAMBUSOIDES Sieb. & Zucc. Poaceae.
Bamboo.

From Georgia. Presented by Miss Bessie Woolfolk, James. Received April 26, 1937.

A bamboo originally received from Europe under the name "Phyllostachys mitis."

147719 to 147784. VITIS. Vitaceae.

Grape.

From California. Cuttings obtained through Elmer Snyder, United States Horticultural Field Station, Fresno. Received January 13, 1944.

147719 to 147739. Rootstock varieties.

147719. *Adobe Giant*.147730. *Monticola* × *Riparia* No. 18808.147720. *Aramon* × *Rupestris*
Ganzin No. 1.147731. *Monticola* × *Riparia* No. 18815.147721. *Aramon* × *Rupestris*
Ganzin No. 2.147732. *Monticola* × *Rupestris*.147722. *Australis*.147733. *Mourvedre* × *Rupestris*
No. 1202.147723. *Barnes*.147734. *Riparia* × *Rupestris* No. 101-14.147724. *Berlandieri* × *Riparia*
No. 420A.147735. *Riparia* × *Rupestris* No. 3306.147725. *Contantia* (*V. rupestris*).147736. *Riparia* × *Rupestris* No. 3309.147726. *Cordifolia* × *Riparia* No. 125-1.147737. *Rupestris* *St. George*.147727. *Dog Ridge*.147738. *Solonis* × *Othello* No. 1613.147728. *Lenoir*.147729. *Monticola* × *Riparia* No. 18804.147739. *Salt Creek*.

147740 to 147761. Wine varieties

147740. *Alicante Bouschet*.147752. *Mission*.147741. *Aramon*.147753. *Palomino*.147742. *Barbera*.147754. *Pinot Noir Eppernay*.147743. *Burger*.147755. *Refosco*.147744. *Cabernet Sauvignon*.147756. *Semillon*.147745. *Carignane*.147757. *Traminer* (*Gewurz Traminer*).147746. *Chasselas Fontainebleau*.147758. *Sylvaner*.147747. *Feher Szagos*.

147759. (No data.)

147748. *Green Hungarian*.147760. *Valdepenas*.147749. *Grenache*.147761. *Zinfandel*.147750. *Malvasia Blanca*.147751. *Malvoise* (*Cinsaut*).

147719 to 147784—Continued

147762 to 147784. Table varieties.

147762. <i>Agadia</i> .	147774. <i>Kandihar</i> .
147763. <i>Alexandria</i> .	147775. <i>Malaga</i> .
147764. <i>Black Hamburg</i> .	147776. <i>Molinera</i> .
147765. <i>Black Prince</i> .	147777. <i>Ohanez</i> .
147766. <i>Black Monukka</i> .	147778. <i>Olivetta Blanche</i> .
147767. <i>Cormichon</i> .	147779. <i>Panariti</i> .
147768. <i>Damas Rose</i> .	147780. <i>Prune de Cazouls</i> .
147769. <i>Dattier de Beyrouth</i> .	147781. <i>Purple Damascus</i> .
147770. <i>Emperor</i> .	147782. <i>Riviere</i> .
147771. <i>Flame Tokay</i> .	147783. <i>Rish Baba</i> .
147772. <i>Gros Colmann</i> .	147784. <i>Sultanina</i> .
147773. <i>Gros Maroc</i> .	

147785 and 147786. PRUNUS ARMENIACA L. Amygdalaceae.**Apricot.**

From China. Scions presented by C. B. Holton, Sinkiang. Received January 14, 1944.

Collected at Tang Wang Chuan, 35 miles southwest of Lanchow, Kansu Province.

147785. No. 1.

147786. No. 2.

147787 to 147796.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received January 14, 1944.

147787. *BETULA LENTA* L. Betulaceae.147788. *PICEA PUNGENS* Engelm. Pinaceae.147789. *SEQUOIA SEMPERVIRENS* (Lamb.) Endl. Pinaceae. **Redwood.**147790. *CARYA ILLINOENSIS* (Wang.) K. Koch. Juglandaceae. **Pecan.**147791. *CEANOTHUS AMERICANUS* L. Rhamnaceae. **New Jersey tea.**

For previous introduction see 136661.

147792 and 147793. *CLADRASTIS LUTEA* (Michx. f.) K. Koch. Fabaceae.
Yellow-wood.

No. 147793 was received as *C. tinctoria*, now considered a synonym of the above.

147794. *JUGLANS NIGRA* L. Juglandaceae. **Black walnut.**147795. *MYRICA CERIFERA* L. Myricaceae.147796. *PRUNUS ILICIFOLIA* (Nutt.) Walp. Amygdalaceae. **Cherry-laurel.**

For previous introduction see 52993.

147797. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Canada. Seeds presented by Duncan Snider, Dashwood, Ontario. Received January 20, 1944.

147798 to 147823.

From China. Seeds collected by W. C. Lowdermilk, United States Department of Agriculture, through the American Embassy, Chungking. Received January 1, 1944.

147798 to 147823—Continued

147798. *AGROPYRON* sp. Poaceae. Grass.
From Triangle City, northern China.
Nos. 147799 to 147803. From Tsien-shu, southern Kansu.
147799. *ANDROPOGON ISCHAEMUM* L. Poaceae. Grass.
147800. *ANDROPOGON* sp.
147801. *ASTRAGALUS* sp. Fabaceae.
147802. *ASTRAGALUS* sp.
147803. *CHLORIS VIRGATA* Swartz. Poaceae. Feather fingergrass.
147804. *ELYMUS* sp. Poaceae. Grass.
From Hwang-yuen.
147805. *ELYMUS* sp.
From Kong-Ho.
147806. *ELYMUS* sp.
From Yong-chan, Chang-yieh, Kansu.
147807. *ELYMUS* sp.
From Hwa-chia-ling, Kansu.
147808. *ELYMUS* sp.
From Wu-so-ling, Kansu.
147809. *ELYMUS* sp.
From Hwang-yuen, Tsing-hai.
- 147810 and 147811. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don. Fabaceae.
For previous introduction see 145861.
147810. (No locality data.)
147811. From Tsien-shu.
147812. *LESPEDEZA DAURICA* (Laxm.) Schindler. Fabaceae. Bushclover.
From Tsien-shu.
For previous introduction see 111202.
147813. *MELICA SCABROSA* Trin. Poaceae. Grass.
From Se-Ning.
For previous introduction see 113194.
147814. *PENNISETUM ALOPECUROIDES* (L.) Spreng. Poaceae. Grass.
From Tsien-shu.
For previous introduction see 90191.
147815. *PENNISETUM FLACCIDUM* Griseb.
From Hwa-chia-ling.
For previous introduction see 114268.
147816. *POA* sp. Poaceae.
From Se-Ning.
147817. *POA* sp.
From Shan-Shang, Ta-tung.
147818. *SOPHORA ALOPECUROIDES* L. Fabaceae.
From dry places, Ho-tsi.
For previous introduction see 111193.

147798 to 147823—Continued

147819. *STIPA SPLENDENS* Trin. Poaceae.

Feathergrass.

From Technical College, Tao River.

For previous introduction see 123261.

147820. *STIPA* sp.

From Tsing-hai, Kansu.

147821. *STIPA* sp.

From Tsing-hai; said to be poisonous to horses, acting as a narcotic.

147822. *THERMOPSIS LANCEOLATA* R. Br. Fabaceae.

For previous introduction see 111099.

147823. *ZEA MAYS* L. Poaceae.

Corn.

From Tsien-shu.

147824 to 147844. *SORGHUM VULGARE* Pers. Poaceae. **Sorghum.**

From Ethiopia. Seeds presented by E. W. Brandes, Division of Sugar Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received February 2, 1944.

147824. *Adem Gab* No. 19. From Waibr, Diredawa.147825. *Cherchero* No. 8. From Karsa, Chercher.147826. *Fandisha netch* No. 14. From Karsa, Chercher.147827. *Fandisha* No. 3, From Dengego, Harrar.147828. *Jehlde* No. 22. From Waibr, Diredawa.147829. *Mehaisuge beecha* No. 16. From Djello, Diredawa.147830. *Mehaisuge Khai* No. 18. From Djello, Diredawa.147831. *Mehaisuge netch* No. 17. From Djello, Diredawa.147832. *Moogra dahuga* No. 4. From Dengego, Harrar.147833. *Moogra denga Khai* No. 9. From Karsa, Chercher.147834. *Moogra netch* No. 12. From Karsa, Chercher.147835. *Moogra partoncan* No. 11. From Karsa, Chercher.147836. *Mugera* No. 20. From Waibr, Diredawa.147837. *Orange* No. 1. From Baijo, Shoa.147838. *Sumac* No. 2. From Baijo, Shoa.147839. *Tokore* (not sweet) No. 7. From Arramaya.147840. *Tokoreta* No. 5. From Dengego, Harrar.147841. *Weybeta* No. 21. From Waibr, Diredawa.147842. *Wurrabeisa* No. 6. From Lake Arramaya.

147843. No. 13. From Karsa, Chercher.

147844. No. 15. From Karsa, Chercher.

147845 to 147861.

From China. Seeds collected by R. G. Johnson, Animal Husbandry Department, Oregon State College, Corvallis. Received January 21, 1944.

147845 to 147847. *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae.

Crested wheatgrass.

147845. From Ho-nan-shan.

147846. From Temple Grounds, Ninghin, Inner Mongolia, August 28, 1943.

147847. From Temple Grounds, Ninghin, Inner Mongolia, August 28, 1943.

147845 to 147861—Continued

147848. AGROPYRON sp.

From Temple Grounds, Ho-nan-shan.

147849. AGROPYRON sp.

From Temple Grounds, Ninghin, Inner Mongolia.

147850. AGROPYRON sp.

From Ninghin, Inner Mongolia.

147851. ASTRAGALUS SINICUS L. Fabaceae.

From Chengtu.

For previous introduction see 90107.

147852. ELYMUS sp. Poaceae.

Grass.

From Ho-nan-shan.

147853. ELYMUS sp.

From Temple Grounds, Ninghin, Inner Mongolia.

147854. ELYMUS sp.

From Temple Grounds, Ninghin, Inner Mongolia.

147855. LESPEDEZA sp. Fabaceae.

From Ala Shan; used as forage for sheep.

147856. MEDICAGO HISPIDA var. DENTICULATA (Willd.) Urban. Fabaceae.
Bur-clover.

From Chengtu.

147857 and 147858. MEDICAGO LUPULINA L. Fabaceae. Black medic.

147857. From Chengtu.

147858. From Temple Grounds, Ho-nan-shan.

147859. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Kansu, West of Hanchow.

147860. TRIFOLIUM REPENS L. Fabaceae. White clover.

From Chengtu.

147861. STIPA sp. Poaceae. Grass.

147862 to 147883. ORYZA SATIVA L. Poaceae. Rice.

From Maryland. Seeds obtained through the division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils and Agricultural Engineering, Beltsville. Received February 7, 1944.

147862. Acadia.

147873. Hattan.

147863. Blue Rose.

147874. Honduras.

147864. Calady, 40.

147875. Iola.

147865. Caloro.

147876. Nira.

147866. Colusa.

147877. Onsen.

147867. Delitus.

147878. Rexora.

147868. Early Prolific.

147879. Shoemed.

147869. Early Blue Rose.

147880. Storm Proof.

147870. Early Wataribune.

147881. Wasa Shinriki.

147871. Edith.

147882. Wataribune.

147872. Fortuna.

147883. Zenith.

147884 and 147885. SORGHUM VULGARE Pers. Poaceae. Sorghum.

From French West Africa. Seeds presented by the Gouvernement General de l'Afrique Occidentale Francaise, Dakar. Received January 24, 1944.

147884. *Haousoa Boutelil*.

147885. *Haousoa Tralil*.

147886 to 147893.

From Madagascar and Africa. Seeds collected by A. T. Semple, Soil Conservation Service, United States Department of Agriculture. Received January 25, 1944.

147886 and 147887. From near Ihosy, Madagascar, August, 1943.

147886. *ABRUS PRECATORIUS* L. Fabaceae.

Rosary-pea.

For previous introduction see 113300.

147887. *BAUHINIA* sp. Caesalpiniaceae.

147888. *CASUARINA* sp. Casuarinaceae.

From João Bell, Mozambique, November 20, 1943.

147889. *PAHUDIA* sp. Caesalpiniaceae.

"Ebony" seeds.

147890. *TECOMA* sp. Bignoniaceae.

From Beira, Mozambique, November 13, 1943.

Flowering tree.

147891. *TECOMA* sp.

From Praetorius Kop, Kruger National Park, Transvaal, October 17, 1943.

147892. *TECOMA* sp.

Seeds obtained from Mr. Pierneef, Pretoria, Transvaal, September 28, 1943.

147893. *TELFARIA PEDATA* (J. E. Smith) Hook. Cucurbitaceae.

From near Inhambane, Mozambique, November 1943.

For previous introduction see 140076.

147894 to 147901.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received January 25, 1944.

Nos. 147894 to 147898, from Rio Branco, Acre Territory.

147894. *ERYTHRINA* sp. Fabaceae.

147895. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.

147896. *NICOTIANA TABACUM* L. Solanaceae.

Common tobacco.

147897. *PASSIFLORA* sp. Passifloraceae.

147898. *PTEROCARPUS* sp. Fabaceae.

147899. *RANDIA* sp. Rubiaceae.

From São Luis, Acre Territory.

Nos. 147900 and 147901, from Rio Branco, Acre Territory.

147900. *SORGHUM* sp. Poaceae.

147901. *VIGNA SINENSIS* (Torner) Hassk. Fabaceae.

Cowpea.

147902 to 147904.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received February 14, 1944.

147902. *NICOTIANA GLAUCA* R. Grah. Solanaceae.

147903 and 147904. *NICOTIANA RUSTICA* L. Aztec tobacco.

147903. *Brasilia*.

147904. *Olson 68*.

147905 to 147907.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received February 17, 1944.

147905. *LACTUCA SATIVA* L. Cichoriaceae. Garden lettuce.

147906. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

147907. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

147908. CINCHONA MICRANTHA Ruiz & Pav. Rubiaceae.

From Peru. Seeds presented by W. H. Hodge, Quebrada Lluapate, Department of Amazonas, through the Foreign Economic Administration, Washington, D. C. Received February 9, 1944.

For previous introduction see 147627.

147909 to 147914.

From South America. Seeds presented by K. G. Cone, Cinchona Section, Foreign Economic Administration. Received February 9, 1944.

147909 to 147913. *CINCHONA OFFICINALIS* L. Rubiaceae.

Collected at Coroico, Bolivia.

147909. *Calisaya hoja morada*.

147910. *Calisaya hoja peluda verde*.

147911. *Calisaya hoja peluda verde*.

147912. *Calisaya verde*.

147913. *Calisaya verde*.

147914. *CINCHONA* sp.

Collected at Pomacocha, Province of Bongara, Department of Amazonas, Peru.

147915 to 147939. SORGHUM VULGARE Pers. Poaceae. Sorghum.

From Ethiopia. Seeds collected by E. W. Brandes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland. Received February 17, 1944.

147915. No. 42 *Aincharo*. From Weliso.

147916. No. 44 *Chebute*. From Baycho.

147917. No. 31 *Dapo*. From Sakoru.

147918. No. 45 *Deshe*. From Baycho.

147919. No. 23 *Djengwol*. From Ankober.

147920. No. *Facha-a*. From Abelti.

147921. No. 26 *Fachao*. From Kaichama.

147922. No. 34 *Fachao*. From Kubunti.

147923. No. 39 *Fachao*. From Abelti.

147915 to 147939—Continued

147924. *No. 32 Gebabe Ancharo*. From Sakoru.
 147925. *No. 38 A Gehragi-kai*. From Abelti.
 147926. *No. 25 Gobo*. From Kaichama.
 147927. *No. 41 Kai Tinkish*. From Goro.
 147928. *No. 43 Kai Zanugada*. From Baycho.
 147929. *No. 29 Koleche*. From Marawa.
 147930. *No. 28 Lule*. From Marawa.
 147931. *No. 27 Maho*. From Marawa.
 147932. *No. 40A Maho*. From north of Gibbe crossing.
 147933. *No. 30 Maho verro*. From Sakoru.
 147934. *No. 35 Mab*. From Kebunti.
 147935. *No. 24 Moogra beccha*. From Ankoher.
 147936. *No. 38 Munyebalash*. From Abelti.
 147937. *No. 33 Tinkush*. From Sakoru.
 147938. *No. 37 Uki*. From Abelti.
 147939. *No. 36 Zangada Tinkush*. From Abelti.

147940 to 147944. CARICA PAPAYA L. Papayaceae. **Papaya.**

From Florida. Seeds obtained from the Subtropical Fruit Field Station, Division of Fruit and Vegetable Crops and Diseases, Orlando. Received February 17, 1944.

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| 147940. <i>Ethi-fair</i> . | 147943. <i>Haiti</i> . |
| 147941. <i>Fairchild</i> . | 147944. <i>Orlando</i> . |
| 147942. <i>Florida</i> . | |

147945 to 147949.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received February 7, 1944.

147945. *ANNONA* sp. Annonaceae.
 From Rio Branco, Acre, January 1, 1944.
 147946. *CAESALPINIA* sp. Caesalpiniaceae.
 From Porto Velho, Guapore Territory, December 11, 1943.
 147947. *CLEOME* sp. Capparidaceae.
 From Rio Branco, Acre, January 4, 1944.
 147948. *LUCUMA* sp. Sapotaceae.
 From Rio Branco, Acre, January 6, 1944.
 Tree, with 1-seeded fruits the size of walnuts.
 147949. *RANDIA* sp. Rubiaceae.
 From Porto Velho, December 17, 1943.
 Medium-sized tree; fruits as big as oranges.

147950 and 147951.

From Hawaii. Seeds presented by E. A. Menninger, Stuart, Fla. Received February 19, 1944.

Collected in Honolulu by C. Potter.

147950. *ALBIZZIA RETUSA* Benth. Mimosaceae.
 147951. *DOLICHANDRONE RHEEDII* Seem. Bignoniaceae.
 For previous introduction see 19273.

147952 and 147953.

From Australia and Hawaii. Seeds presented by E. A. Menninger, Stuart, Fla. Received February 19, 1944.

147952. *LEPTOSPERMUM ABNORME* F. Muell. Myrtaceae.

From Woy Woy, New South Wales, Australia.

147953. *LONCHOCARPUS FORMOSIANUS* DC. Fabaceae.

Collected by C. Potter in Honolulu, Hawaii.

147954 to 147957.

From the Union of South Africa. Seeds presented by E. A. Menninger, Stuart, Fla. Received February 19, 1944.

147954. *MILLETTIA GRANDIS* (E. Meyer) Skeels. Fabaceae.

From Kirstenbosch, Cape of Good Hope Province.

147955 to 147957. From Durban, Natal.

147955. *MILLETTIA* sp.

147956. *MILLETTIA* sp.

147957. *MILLETTIA* sp.

147958 to 147965.

From New York. Seeds purchased from Max Schling Seedsmen, Inc., New York. Received February 21, 1944.

147958 to 147963. *DIANTHUS CARYOPHYLLUS* L. Silenaceae. **Carnation.**

147958. *Beauty of Nice*, rose pink.

147959. *Cannes*, pearl pink.

147960. *Mentone*, scarlet.

147961. *Monaco*, dark velvety crimson.

147962. *San Remo*, pure yellow.

147963. *Villa Franca*.

147964 and 147965. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. **Calabash gourd.**

147964. Mixed large-fruited sorts.

147965. Mixed small-fruited sorts.

147966. PHALARIS ARUNDINACEA L. Poaceae. Reed canarygrass.

From Oregon. Seeds presented by H. A. Schoth, Agricultural Experiment Station, Corvallis. Received February 22, 1944.

Superior reed canarygrass.

For previous introduction see 136348.

147967 to 147970.

From Maryland. Seeds and clones obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received February 23, 1944.

147967. *DIGITALIS LANATA* Ehrh. Scrophulariaceae.

Seeds.

For previous introduction see 104575.

147968. *EPHEDRA GERARDIANA* Wall. Gnetaceae.

Clones.

For previous introduction see 114244.

147967 to 147970—Continued

147969 and 147970. *EPHEDRA SINICA* Stapf.

For previous introduction see 92980.

147969. Seeds.

147970. Clones.

147971 and 147972.

From Brazil. Tubers collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received February 14, 1944.

147971. *IPOMOEA* sp. Convolvulaceae.

Q. 2789. *Batata Purgativa*.

147972. *IPOMOEA BATATAS* (L.) Lam.

Sweetpotato.

147973 to 147975. MELINIS MINUTIFLORA Beauv. Poaceae.

Molasses grass.

From Venezuela. Seeds presented by the American Embassy, Caracas, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received February 14, 1944.

147976 to 147981.

From India. Seeds presented by D. J. C. Ramchandami, Botanist, Agriculture Research Station, Sakrand (Sind). Received February 18, 1944.

147976 to 147979. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

For previous introduction see 147708.

147976. *C. 12*.

147977. From Belgium.

147978. From Jubalpoore.

147979. From Sind.

147980. *CROTALARIA* sp.

Introduced as *Crotalaria laburnifolia*, but the seeds are not of that species.

147981. *CROTALARIA* sp.

Introduced as *Crotalaria verrucosa*, but the seeds are not of that species.

147982 to 148006.

From Brazil. Seeds presented by Dr. F. Febeliano da Costa Filho, Director, Divisão de Experimentação e Pesquisas, Instituto Agrônomico, Campinas, São Paulo. Received February 23, 1944.

147982 and 147983. *NICOTIANA TABACUM* L. Solanaceae. Common tobacco.

147982. Giant tobacco. Plant O no. 2n 5687.

147983. Giant tobacco. Plant O no. 39 N 5689.

147984 to 148006. *ZEA MAYS* L. Poaceae.

Corn.

147984. *L. 166-1-1-2*.

147990. *L. 754-1*.

147985. *L. 278-1-1*.

147991. *L. 840-1-2*.

147986. *L. 278-1-2*.

147992. *L. 1120-2-1*.

147987. *L. 422-3*.

147993. *L. 1806-1-1*.

147988. *L. 483-2-1-2*.

147994. *L. 1896-1-1-1*.

147989. *L. 606-2-1-1*.

147995. *L. 2023-2-1-3*.

147982 to 148006—Continued

147984 to 148006—Continued

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| 147996. <i>L. 2065-3-2.</i> | 148002. <i>L. 2233-1-3.</i> |
| 147997. <i>L. 2123-1-1-1.</i> | 148003. <i>L. 2252-1.</i> |
| 147998. <i>L. 2175-3-3.</i> | 148004. <i>L. 2287-2.</i> |
| 147999. <i>L. 2189-2.</i> | 148005. <i>L. 2312-1.</i> |
| 148000. <i>L. 2199-2.</i> | 148006. <i>L. 2316-1.</i> |
| 148001. <i>L. 2232-2-1.</i> | |

148007. CITRUS. Rutaceae.

From Florida. Seeds obtained through W. T. Swingle, Subtropical Fruit Station, Orlando. Received February 24, 1944.

Morton Citrange.

148008 to 148010. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

From Maryland. Scions purchased from the Bountiful Ridge Nurseries, Princess Anne. Received February 24, 1944.

148008. *Gallia Beauty.*

148009. *Jonathan.*

148010. *Winesap.*

148011 to 148015.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered February 26, 1944.

148011. CITRUS RETICULATA var. AUSTERA Swingle. Rutaceae.
Suen Kat mandarin.

148012. CITRUS.

Morton Citrange.

148013. CITRUS GRANDIS (L.) Osbeck.

Pummelo.

Cuban Shaddock. C.P.B. 11893.

148014. CITRUS.

Savage Citrange. C.P.B. 2774.

148015. CITRUS.

Citrange. C.P.B. 45019.

148016 and 148017.

From Virginia. Cuttings presented by Brooke Hunter, Edmonston, Md. Received February 26, 1944.

Collected at Bennet's Creek, Va.

148016. ILEX sp. "Left." Aquifoliaceae.

Holly.

148017. ILEX sp. "Right."

148018. FESTUCA ELATIOR L. Poaceae.

Meadow fescue.

From Canada. Seeds purchased from the University of Manitoba, Winnipeg, Manitoba. Received February 26, 1944.

Sturdy Meadow Fescue.

148019 to 148025. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Hawaii. Tubers presented by the Experiment Station of the Hawaiian Sugar Planters' Association, Honolulu. Received February 26, 1944.

148019. *Huamon.*

148023. *Nancy Hall-Hilo.*

148020. *Kaneohe.*

148024. *Nancy Hall-Waialua.*

148021. *Mohihi.*

148025. *Tantalus.*

148022. *Nancy Hall-Aiea.*

148026. ARUNDINARIA SIMONI (Carr.) A. & C. Riviere. Bamboo.

From Florida. Plant presented by the Glen St. Mary Nurseries Co., Glen St. Mary; received in 1929 at the Barbour Lathrop Plant Introduction Garden, Savannah, Ga. Numbered in February 1944.

Originally from near Crescent City, Fla.

148027. TARAXACUM KOK-SAGHYZ Rodin. Cichoriaceae.

From Maryland. Seeds obtained through the Division of Rubber Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received February 28, 1944.

Grown at Moorhead, Minn.

148028 to 148030.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, Boyce, Va. Received February 18, 1944.

Collected at Boca do Acre, Amazonas.

148028. *NICOTIANA* sp. Solanaceae.

148029. *NICOTIANA* sp.

148030. *SOLANUM COFFEIFOLIUM* (Bitter) Morton. Solanaceae.

A shrub up to 3 feet in height, with red, pimentolike fruits.

148031. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received February 28, 1944.

Logan bean.

Grown at Charleston, S. C.

148032. TRITICUM DURUM Desf. Poaceae. Durum wheat.

From Australia. Seeds presented by A. T. Pugsley, University of Adelaide, Waite Agricultural Institute, Adelaide, South Australia. Received February 29, 1944.

41-85. *Doubbi.*

148033. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.

From Iowa. Tree presented by Snyder Bros. Nurseries, Center Point. Received April 6, 1942.

Sansin.

148034. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.

From Missouri. Scions presented by Stark Bros., Louisiana. Received March 1, 1944.

Gold.

148035 to 148052.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered March 1, 1944.

Selections from imported stock.

148035 to 148037. *AMYGDALUS PERSICA* L. Amygdalaceae. **Peach.**

148035. B. 37680.

148036. B. 37681.

148037. B. 37682.

148038 to 148052. *PRUNUS DOMESTICA* L. Amygdalaceae. **Common plum.**

148038. B. 37683.

148046. B. 37690. (Type 2.)

148039. B. 37684.

148047. B. 37691.

148040. B. 37685.

148048. B. 37692.

148041. B. 37686.

148049. B. 37693.

148042. B. 37687.

148050. B. 37861.

148043. B. 37688.

148051. B. 37862.

148044. B. 37689.

148052. B. 37863.

148045. B. 37690. (Type 1.)

148053 to 148057.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 1, 1944.

148053. *CYNODON DACTYLON* (L.) Pers. Poaceae. **Bermuda grass.**
From Texas.

148054. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**
From Maryland.

148055. *PASPALUM DILATATUM* Poir. Poaceae. **Dallis grass.**
From Australia.

148056. *TRIFOLIUM* sp. Fabaceae. **Hubam clover.**
From Iowa.

148057. *VICIA VILLOSA* Roth. Fabaceae. **Hairy winter vetch.**
From Oregon.

148058 to 148063. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 3, 1944.

148058. *Bansei*. Grown at Beltsville, Md.

148059. *Edsoy*. Grown at Beltsville, Md.

148060. *Missoy*. Grown at Monetta, S. C.

148061. *Monetta*. Grown at Monetta, S. C.

148062. *Palmetto*. Grown at Monetta, S. C.

148063. *Seminole*. Grown at Monetta, S. C.

148064 and 148065. *JUGLANS REGIA* L. Juglandaceae.

Persian walnut.

From California. Seeds purchased from the Armstrong Nurseries, Ontario. Received March 4, 1944.

148064. *Eureka*.

148065. *Franquette*.

- 148066. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**
 From Peru. Seeds collected by Manual M. Manrique, Arequipa. Received February 23, 1944.
- 148067. PINUS CARIBAEA Morelet. Pinaceae. Slash pine.**
 From Kentucky. Seeds presented by the Soil Conservation Service Nursery, Paducah. Received March 4, 1944.
 For previous introduction see 146686.
- 148068 to 148076. FRAGARIA. Rosaceae. Strawberry.**
 From Maryland. Plants obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1944.
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|----------------------------|--------------------------|
| 148068. <i>Blakemore.</i> | 148073. <i>No. 3205.</i> |
| 148069. <i>Dorsett.</i> | 148074. <i>No. 3328.</i> |
| 148070. <i>Massey.</i> | 148075. <i>No. 3374.</i> |
| 148071. <i>Maytime.</i> | 148076. <i>No. 3378.</i> |
| 148072. <i>Missionary.</i> | |
- 148077 to 148081. NICOTIANA TABACUM L. Solanaceae. Common tobacco.**
 From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1944.
- | | |
|-----------------------------|-----------------------------|
| 148077. <i>Gold Dollar.</i> | 148080. <i>Maryland.</i> |
| 148078. <i>Havana.</i> | 148081. <i>400 Special.</i> |
| 148079. <i>Turkish.</i> | |
- 148082 to 148114. SORGHUM VULGARE Pers. Poaceae. Sorghum.**
 From Ethiopia. Seeds collected by E. W. Brandes, Division of Sugar Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 7, 1944.
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| 148082. <i>No. 46 Acherieta.</i> | 148100. <i>No. 48 Kai Mashela Belitche.</i> |
| 148083. <i>No. 71 Adesh.</i> | 148101. <i>No. 59 Kebedjie.</i> |
| 148084. <i>No. 65 Amelsie.</i> | 148102. <i>No. 47 Kielo Begwoda.</i> |
| 148085. <i>No. 53 Bahetie.</i> | 148103. <i>No. 62 Mata Tai.</i> |
| 148086. <i>No. 73 Berilie.</i> | 148104. <i>No. 69 Mashela Tingish Batie.</i> |
| 148087. <i>No. 57 Betinie.</i> | 148105. <i>No. 68 Megalie.</i> |
| 148088. <i>No. 63 Bekedjie.</i> | 148106. <i>No. 61 Motei.</i> |
| 148089. <i>No. 54 Buketie.</i> | 148107. <i>No. 77 Nazerut.</i> |
| 148090. <i>No. 50 Chercherie.</i> | 148108. <i>No. 64 Netch Addesho Mashela.</i> |
| 148091. <i>No. 56 Chibitie.</i> | 148109. <i>No. 55 Netch Agada Tingish.</i> |
| 148092. <i>No. 49 Debso.</i> | 148110. <i>No. 60 Saragie.</i> |
| 148093. <i>No. 52 Delgom.</i> | 148111. <i>No. 66 Tuba Djeru.</i> |
| 148094. <i>No. 75 Deletcha.</i> | 148112. <i>No. 51 Wogerie Agada.</i> |
| 148095. <i>No. 67 Djeruyie.</i> | 148113. <i>No. 74 Wojere.</i> |
| 148096. <i>No. 58 Getetie.</i> | 148114. <i>No. 76 (No varietal name.)</i> |
| 148097. <i>No. 78 Getetie.</i> | |
| 148098. <i>No. 72 Gobenti Tingish Lometa.</i> | |
| 148099. <i>No. 70 Gworad.</i> | |

148115. CINCHONA sp. Rubiaceae.

From Peru. Seeds presented by R. C. Lorenz, Estacion Experimental Agricola de Tingo Maria. Received March 9, 1944.

Collected October 1943 to February 1944, at Punizas Cinchona Plantation, near Punizas, District of La Merced, Province of Tarma; altitude 3,675 feet. Trees mostly *Cinchona ledgeriana* type, with a good mixture of other types.

148116 to 148121.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received February 22, 1944.

**148116. PENNISETUM CILIARE (L.) Link (*P. cenchroides* Rich.). Poaceae.
Grass.**

Collected near Kimberley.

148117 to 148119. ERAGROSTIS SUPERBA Peyr. Poaceae. Grass.

148117. Collected at Kimberley Airport.

148118. Kimberley No. 1.

148119. Kimberley No. 2.

148120. ERAGROSTIS sp.

148121. RHUS UNDULATA var. BURCHELLII (Engl.) Schönl. Anacardiaceae.

An ornamental shrub or small tree, useful as a windbreak.

148122 to 148141.

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Divisão de Experimentação e Pesquisa, Instituto Agronômico, Campinas, São Paulo. Received February 24, 1944.

From the Escola Agricultura, Estado de São Paulo.

148122. CHAPTALIA sp. Asteraceae.

No. 1.

148123. CHAPTALIA sp.

No. 2.

148124. CHAPTALIA sp.

No. 3.

148125. CHAPTALIA sp.

No. 4.

148126. CHAPTALIA sp.

No. 5.

148127. CHAPTALIA sp.

No. 6.

148128. CHAPTALIA sp.

No. 7.

148129 to 148134. Large-flowered strains from Piracicaba.

148129. CHAPTALIA sp.

No. 8.

148130. CHAPTALIA sp.

No. 9.

148131. CHAPTALIA sp.

No. 10.

148132. CHAPTALIA sp.

No. 11.

148122 to 148141—Continued

148129 to 148134—Continued

148133. *CHAPTALIA* sp.

No. 12. From Tuiuti.

148134. *CHAPTALIA* sp.

No. 13. From Campinas.

148135 to 148141. From Escola Agricultura, Piracicaba.

148135. *HYPOCHAERIS* sp. Cichoriaceae.

No. 16.

148136. *HYPOCHAERIS* sp.

No. 17.

148137. *HYPOCHAERIS* sp.

No. 18.

148138. *SONCHUS ASPER* (L.) Hill. Cichoriaceae.

No. 19.

148139. *SONCHUS OLERACEUS* L.

No. 20.

For previous introduction see 144913.

148140. *SONCHUS* sp.

No. 15.

148141. *TARAXACUM* sp. Cichoriaceae.

No. 14.

148142. *FRAGARIA*. Rosaceae.

Strawberry.

From Maryland. Plants presented by W. F. Jeffers, Agricultural Experiment Station, University of Maryland, College Park. Received March 10, 1944.

*Temple.*148143. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Pennsylvania. Scions presented by D. A. Cadsow, Harrisburg. Received March 10, 1944.

*Isaac Newton.*148144. *ARAUCARIA BIDWILLII* Hook. Pinaceae. Bunya-bunya.

From Argentina. Seeds purchased from J. A. Diharce & Co., Buenos Aires. Received March 13, 1944.

148145 to 148150. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.

From Maryland. Cuttings from trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered March 13, 1944.

Selections from imported stock.

148145. B. 26316. *Jonathan*.148146. B. 26317. *Canada Red*.148147. B. 26318. *Red Astrakan*.148148. B. 26478. *Haralson*.148149. B. 27583. *Yellow Transparent*.148150. B. 27584. *Dutchess*.

148151 to 148153.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 15, 1944.

148151. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don. Fabaceae.

Grown in Maryland.

For previous introduction see 147811.

148152. *LESPEDEZA STIPULACEA* Maxim.

Bushclover.

Grown in Virginia.

For previous introduction see 146270.

148153. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn.

Bushclover.

Grown in Virginia.

For previous introduction see 146271.

148154. *ALLIUM SATIVUM* L. Liliaceae.

Garlic.

From California. Bulbs presented by Roy D. McCallum, County Agent, San Benito County, Hollister. Received March 15, 1944.

Late Italian garlic.

148155 to 148173.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 16, 1944.

148155. *AGROPYRON TRACHYCAULUM* (Link) Malte. Poaceae.

Grass.

For previous introduction see 146668.

148156. *AGROSTIS ALBA* L. Poaceae.

Redtop.

148157. *AGROSTIS TENUIS* Sibth.

Grass.

For previous introduction see 121078.

148158. *ALOPECURUS PRATENSIS* L. Poaceae.

Meadow foxtail.

For previous introduction see 136312.

148159. *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae.

Tall oatgrass.

For previous introduction see 125667.

148160 and 148161. *BROMUS INERMIS* Leyss. Poaceae. Smooth brome grass.

148162. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

148163 and 148164. *FESTUCA ELATIOR* L. Poaceae.

Meadow grass.

148165. *FESTUCA OVINA* L.

Sheep fescue.

148166. *FESTUCA RUBRA* L.

Red fescue.

148167. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

148168. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

148169 and 148170. *PHALARIS ARUNDINACEA* L. Poaceae. Reed canarygrass.

For previous introduction see 147966.

148171. *POA COMPRESSA* L. Poaceae.

Canada bluegrass.

For previous introduction see 136354.

148172. *POA PRATENSIS* L.

Kentucky bluegrass.

148173. *POA TRIVIALIS* L.

Rough bluegrass.

For previous introduction see 133168.

148174. PHALARIS CANARIENSIS L. Poaceae. Canarygrass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 17, 1944.

Grown in Pennsylvania.

For previous introduction see 115608.

148175. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Received March 17, 1944.

B. 27587. Selection from imported stock.

148176 to 148189. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 17, 1944.

148176. *Chippewa*. 148183. *Chippewa*.

148177. *Katahdin*. 148184. *Katahdin*.

148178. *Mohawk*. 148185. *Mohawk*.

148179. *Potomac*. 148186. *Potomac*.

148180. *Sebago*. 148187. *Sebago*.

148181. *Sequoia*. 148188. *Sequoia*.

148182. 528-118. 148189. 528-118.

148190 to 148193. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1944.

148190. *Triumph*. 148192. *Wenholz 11*.

148191. *Wenholz 1*. 148193. *Wennop*.

148194 and 148195. FRAGARIA. Rosaceae. Strawberry.

From New Jersey. Plants presented by J. Harold Clark, Agricultural Experiment Station, New Brunswick. Received March 18, 1944.

148194. *Pathfinder*.

148195. *Sparkle*.

148196. PRUNUS ILICIFOLIA (Nutt.) Walp. Amygdalaceae. Cherry-laurel.

From New York. Seeds purchased from Herbst Bros., New York. Received March 21, 1944.

For previous introduction see 147796.

148197 to 148202. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Texas. Trees purchased from Ramsey's Austin Nursery, Austin. Received March 21, 1944.

148197. *Chilow*. 148200. *Mamie Ross*.

148198. *Governor Lanham*. 148201. *Montopolis*.

148199. *Henrietta*. 148202. *Williams*.

148203. EREMOCITRUS GLAUCA (Lindl.) Swingle (*Atalantia glauca* Benth.). Rutaceae. Australian desert kumquat.

From Maryland. Plant growing at the United States Plant Introduction Garden, Glenn Dale. Numbered March 21, 1944.

Originally from the United States Date Garden, Indio, Calif.

For previous introduction see 144156.

148204 to 148215. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 22, 1944.

148204. *Agate*. From Beltsville, Md.

148205. *Bansei*. From Beltsville, Md.

148206. *Dunfield*. From Illinois.

148207. *Earlyana*. From Illinois.

148208. *Giant Green*. From New Jersey.

148209. *Habaro*. From Illinois.

148210. *Hidatsa*. From Beltsville, Md.

148211. *Kabott*. From Illinois.

148212. *Lincoln*. From Illinois.

148213. *Mandarin*. From Illinois.

148214. *Mingo*. From Illinois.

148215. *Wisconsin Manch* 606. From Illinois.

148216 to 148219. (Undetermined.)

From California. Plants presented by Howard A. Gerbig, 17th Weather Squadron, United States Army Air Force, c/o Postmaster, San Francisco. Received March 23, 1944.

Undetermined orchids.

148220. JUGLANS AUSTRALIS Griseb. Juglandaceae. Walnut.

From Argentina. Seeds presented by Rogelia F. Cornejo, Salta, through H. Loran Blood, Utah Agricultural Experiment Station, Logan. Received March 23, 1944.

From the Andes Mountains, west of Salta.

For previous introduction see 129335.

148221 and 148222.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 23, 1944.

148221. *ASCLEPIAS SYRIACA* L. Asclepiadaceae.

Grown in Nebraska.

148222. *GONOLBUS LAEVIS* Michx. Asclepiadaceae.

Grown in Kentucky.

148223 to 148229. VITIS. Vitaceae. Grape.

From California. Plants purchased from the California Nursery Co., Niles. Received March 23, 1944.

148223. *Black Hamburg*.

148223 to 148229—Continued148224. *Black Prince* (*Rose of Peru*).148225. *Golden Chasselle*.148226. *Malaga* (*white*).148227. *Pearl of Scaba*.148228. *Rish-Baba*.148229. *Zinfandel*.**148230 and 148231.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 23, 1944.

148230. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) A. Gray. Solanaceae.148231. *LYCOPERSICON PIMPINELLIFOLIUM* (Jusl.) Mill. Currant tomato.**148232 to 148246. GLYCINE MAX (L.) Merrill. Fabaceae.****Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 24, 1944.

148232. *Acda*. From Beltsville, Md.148233. *Armredo*. From Monetta, S. C.148234. *Burnette*. From Monetta, S. C.148235. *Cherokee*. From Monetta, S. C.148236. *Clemson*. From Monetta, S. C.148237. *Creole*. From Monetta, S. C.148238. *Delsoy*. From Mississippi.148239. *Emperor*. From Beltsville, Md.148240. *Georgian*. From Monetta, S. C.148241. *Hahto-20*. From Beltsville, Md.148242. *Nanda*. From Monetta, S. C.148243. *Palmetto*. From Monetta, S. C.148244. *Rokusum-A*. From Beltsville, Md.148245. *Seminole*. From Monetta, S. C.148246. *Willomi*. From Beltsville, Md.**148247 to 148252. VITIS. Vitaceae.****Grape.**

From California. Plants purchased from the Armstrong Nurseries, Ontario. Received March 25, 1944.

148247. *Black Hamburg FG 1*.148248. *Dattier FG 8*.148249. *Golden Muscat FG 13*.148250. *Pearl of Casba FG 23*.148251. *Rose of Peru* (*Black Prince*) *FG 26*.148252. *Zinfandel FG 29*.

148253 to 148258. ORYZA SATIVA L. Poaceae.**Rice.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 27, 1944.

148253. *Fortuna CI 1344.*148256. *Nira CI 2702.*148254. *Honduras CI 1643.*148257. *Rexoro CI 1779.*148255. *Iola CI 4559.*148258. *Shoemed CI 3625.***148259 and 148260. GLYCINE MAX (L.) Merrill. Fabaceae.****Soybean.**

From Hawaii. Seeds presented by A. J. Mangelsdorf, Hawaiian Sugar Planters' Association Experiment Station, Honolulu. Received March 27, 1944.

148259. *Java 29.*148260. *Potchefstroom.***148261. CEREUS sp. Cactaceae.**

From Colombia. Plants presented by Miguel Lopez Pumarejo, Bogotá. Received March 27, 1944.

*Pitahaya.***148262 to 148268. AMYGDALUS PERSICA L. Amygdalaceae. Peach.**

From Maryland. Trees purchased from the Bountiful Ridge Nurseries, Princess Anne. Received March 28, 1944.

148262. *Early-Red-Fire.*148266. *Hope Farm.*148263. *Fireglow.*148267. *Lizzie.*148264. *Gage Elberta.*148268. *Shipper's Late Red.*148265. *Gemmer's Late Elberta.***148269 to 148272. NICOTIANA TABACUM L. Solanaceae.****Common tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 28, 1944.

148269. *Lockwood (White burley).*148270. *Yellow Twist Bud (White burley).*148271. *Cash.*148272. *Virginia Bright Leaf.***148273. BRILLANTAISIA LAMIUM Benth. Acanthaceae.**

From California. Seeds presented by Kenneth H. Prior, Pasadena. Received February 28, 1944.

A large herb, 3 to 4 feet high, with heart-shaped leaves, and very small deep-blue flowers in lax panicles. Native to tropical Africa.

148274. TRIFOLIUM PRATENSE L. Fabaceae.**Red clover.**

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received March 21, 1944.

148275 to 148284.

From Angola. Seeds collected by A. T. Semple, Soil Conservation Service, United States Department of Agriculture. Received February 26, 1944.

148275. *CYNODON sp. Poaceae.***Grass.**

From Umpata and Sã da Bandeira. Very drought-resistant.

148275 to 148284—Continued

148276. *ERAGROSTIS* sp. Poaceae. Grass.
From near Sã da Bandeira.
148277. *ERAGROSTIS* sp.
From Umpata.
148278. *ERIOCHLOA* sp. Poaceae. Grass.
From Quipungo.
148279. *ERIOCHLOA* sp.
From Umpata.
148280. *PANICUM* sp. Poaceae. Grass.
From Umpata.
148281. *SPOROBOLUS* sp. Poaceae. Grass.
From Umpata.
148282. *THEMEDA* sp. Poaceae. Grass.
From near Sã da Bandeira.
148283. *TRICHOLAENA* sp. Poaceae. Grass.
From Umpata.
148284. *TRICHOLAENA* sp. Grass.
From Sã da Bandeira.
148285. *PHALARIS CANARIENSIS* L. Poaceae. Canarygrass.
From Massachusetts. Seeds purchased from Ross Bros. Co., Worcester.
Received March 28, 1944.
- 148286 and 148287. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.
From California. Trees presented by the California Nursery Co., Niles.
Received March 30, 1944.
148286. *English Red Streak*.
148287. *X-ellent*.
148288. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.
From Colombia. Plants presented by Rafael R. Camacho, Bogotá. Received
March 30, 1944.
Eureka.
- 148289 and 148290. *HELIANTHUS ANNUUS* L. Asteraceae.
Common sunflower.
From Maryland. Seeds obtained from the Division of Cereal Crops and
Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineer-
ing, Beltsville. Received March 31, 1944.
148289. *Greystripe*.
148290. *Manchurian*.
- 148291 to 148302. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
From Maryland. Seeds obtained from the Division of Forage Crops and
Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineer-
ing, Beltsville. Received March 31, 1944.
148291. *Arisoy*. Grown in Mississippi.
148292. *Arkan*. Grown in Mississippi.
148293. *Armredo*. Grown in South Carolina.

148291 to 148302—Continued148294. *Avoyelles*. Grown in South Carolina.148295. *Biloxi*. Grown in Mississippi.148296. *Magnolia*. Grown in South Carolina.148297. *Missoy*. Grown in Mississippi.148298. *Ogden*. Grown in Mississippi.148299. *Ralsey*. Grown in Mississippi.148300. *Seminole*. Grown in South Carolina.148301. *Tokyo*. Grown in Mississippi.148302. *Volstate*. Grown in Mississippi.**148303 to 148310. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 31, 1944.

Grown at Bozeman, Mont.

148303. *Cadet*. 12053.148307. *Pilot*. 11945.148304. *Merit*. 12036.148308. *Regent*. 12070.148305. *Mida*. 12008.148309. *Rival*. 11708.148306. *Newthatch*. 12318.148310. *Thatcher*. 10003.**148311 to 148318.**

From China. Seeds obtained through Ray G. Johnson, Oregon State College, Corvallis. Received March 4, 1944.

From Tai Ming, Sikong, 1943.

148311. *ASTRAGALUS* sp. Fabaceae.

No. 5.

148312. *ASTRAGALUS* sp.

No. 6.

148313. *ASTRAGALUS* sp.

No. 7.

148314. *MEDICAGO LUPULINA* L. Fabaceae.

No. 1.

Black medic.148315. *MELILOTUS* sp.

No. 2.

148316. *VICIA* sp. Fabaceae.

No. 3.

148317. *VICIA* sp.

No. 4.

148318. *VICIA* sp.

No. 8.

148319 to 148324. LINUM USITATISSIMUM L. Linaceae. Flax.

From Canada. Seeds presented by R. J. Hutchinson, Chief, Division of Economic Fiber Production, Central Experiment Farm, Ottawa. Received March 4, 1944.

148319. *Liral Crown*.148322. *Liral Prince*.148320. *Liral Dominion*.148323. *Stormont Cirrus*.148321. *Liral Monarch*.148324. *Stormont Gossamer*.

148325. CINCHONA PUBESCENS Vahl (*C. succirubra* Pav.).
Rubiaceae.

From Guatemala. Seeds presented by the United States Foreign Economic Administration, Guatemala City. Received March 17, 1944.

For previous introduction see 147377.

148326 to 148329. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 31, 1944.

148326. *Coker 100 Str. 6*. Grown in South Carolina.

148327. *Delfos*. Grown in Mississippi.

148328. *Deltapine 14*. Grown in Mississippi.

148329. *Stoneville 2 B*. Grown in Mississippi.

148330. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From China. Seeds obtained through Ray G. Johnson, Corvallis, Oreg. Received March 23, 1944.

Collected in Taifu, Sikong.

148331. PENNisetum CLANDESTINUM Hochst. Poaceae. Kikuyu grass.

From Colombia. Stolons presented by H. V. Geib, Agricultural Adviser, American Embassy, Bogotá. Received March 31, 1944.

148332. COSMOS sp. Asteraceae.

From Colombia. Seeds collected by B. Y. Morrison, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 13, 1944.

Collected between Puerto Tajada, Department of Cauca, and Palmira, Valle. Resembles our orange cosmos in all obvious details except that the flowers are much smaller and rosy pink.

148333 to 148336.

From Hawaii. Seeds presented by the Experiment Station, Hawaiian Sugar Planters' Association, Honolulu. Received March 27, 1944.

148333. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze).
Fabaceae. Yam-bean.

No. 3140.

148334 and 148335. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

148334. *Kabuto* No. 2220.

148335. *Lualualei* No. 964.

148336. *TEPHROSIA VOGELII* Hook. f. (*Cracca vogelii* (Hook. f.) Kuntze).
Fabaceae.

No. 2910.

For previous introduction see 144321.

148337 to 148339.

From Puerto Rico. Plants presented by Rufus H. Moore, Agricultural Experiment Station, Mayagüez. Received March 1944. Numbered in March 1944.

148337. *LONCHOCARPUS NICOU* var. *UTILIS* (A. C. Smith) Hermann. Fabaceae.

148337 to 148339—Continued

148338 and 148339. *DERRIS ELLIPTICA* (Roxb.) Benth. Fabaceae.

148338. Var. *Changi* No. 3.

148339. Var. *Sarawak Creeping*.

148340. URENA LOBATA L. Malvaceae.

From Cuba. Seeds purchased from José Garcia Inerarity, Havana. Received March 23, 1944.

For previous introduction see 145797.

148341 and 148342. CINCHONA OFFICINALIS L. Rubiaceae.

From Guatemala. Seeds presented by L. Lind Pettersen, Overseas Estates, Ltd., Economic Warfare. Received March 31, 1944.

148341. No. 1.

148342. No. 2.

148343. MEDICAGO SATIVA L. Fabaceae.**Alfalfa.**

From Chile. Seeds presented by James Fyffe, Chilean Nitrate of Soda Sales Corp., Santiago, through Charles J. Brand, National Fertilizer Assoc., Washington, D. C. Received April 10, 1944.

Peruvian alfalfa from high altitudes.

148344 to 148348.

From Canada. Seeds presented by Dr. M. B. Davis, Central Experimental Farm, Ottawa. Received April 18, 1944.

148344. *RUBUS* sp. Rosaceae.

Gatineau.

148345. *RUBUS* sp.

Madawaska.

148346. *RUBUS* sp.

Ottawa.

148347. *RUBUS* sp.

Rideau.

148348. *RUBUS* sp.

Trent.

148349. ALEURITES FORDII Hemsl. Euphorbiaceae. Tung-oil tree.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 4, 1944.

Georgia Selection 53 (G-53).

148350 to 148353. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 4, 1944.

Grown at Holland, Va.

148350. *Improved Spanish 2B*.

148351. *Spanish 18-38*.

148352. *Virginia Station Jumbo*.

148353. *Virginia Runner*.

148354 to 148357. AVENA SATIVA L. Poaceae. Oats.

From Western Australia. Seeds presented by the Department of Agriculture, Perth. Received April 1, 1944.

148354. *Ballidu P-3412*.148356. *Mulga P-1195*.148355. *Dale P-3413*.148357. *Wongan P-3090*.

148358 to 148360.

From Washington, D. C. Seeds obtained from the Nursery Division, Soil Conservation Service. Received April 1, 1944.

148358. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. Kudzu.
Grown in Americus, Ga.

148359. MUHLENBERGIA PUNGENS Thurb. Poaceae. Grass.
Grown in New Mexico.

For previous introduction see 106432.

148360. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.
Grown in North Carolina.

148361 and 148362. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From New York. Scions presented by the Agricultural Experiment Station, Geneva. Received April 3, 1944.

148361. *Cimetiere*.148362. *Marechal*.

148363 to 148391.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 3, 1944.

148363 to 148369. AVENA SATIVA L. Poaceae. Oats.

148363. *Camellia*. From Aberdeen, Idaho.148364. *Cedar*. From Ames, Iowa.148365. *Fultex*. From Texas.148366. *Letoria*. From Statesville, N. C.148367. *Rustler*. From Aberdeen, Idaho.148368. *Ventura*. From Manhattan, Kans.148369. *Verde*. From College Station, Tex.

148370 to 148377. TRITICUM AESTIVUM L. Poaceae. Wheat.

From Bozeman, Mont.

148370. *Caleb*.148374. *Pilot*.148371. *Merit*.148375. *Regent*.148372. *Mida*.148376. *Rival*.148373. *Newthatch*.148377. *Thatcher*.

148378 to 148386. AVENA SATIVA L. Poaceae. Oats.

148378. *Camellia*. From Aberdeen, Idaho.148379. *Carolina Red*. From South Carolina.148380. *Cedar*. From Iowa.148381. *Fultex*. From Texas.148382. *Lelina*. From Aberdeen, Idaho.148383. *Letoria*. From North Carolina.

148363 to 148391—Continued

148378 to 148386—Continued

148384. *Ranger*. From Aberdeen, Idaho.148385. *Ventura*. From Kansas.148386. *Verde*. From Texas.

148387 to 148391. LINUM USITATISSIMUM L. Linaceae.

Flax.

From Bozeman, Mont.

148387. *Argentine Type*.148388. *Custer*.148389. *Koto* × *Redwing*.148390. *Koto* × *Redwing F5*.148391. *Renew* × *Bison F5*.

148392 to 148394.

From Washington, D. C. Seeds obtained from the Nursery Division, Soil Conservation Service. Received April 4, 1944.

148392. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. Crested wheatgrass.

From Pullman, Wash.

148393. VICIA ATROPURPUREA Desf. Fabaceae.

Purple vetch.

From Portland, Oreg.

148394. VICIA VILLOSA Roth.

Hairy winter vetch.

From Portland, Oreg.

148395. AMYGDALUS PERSICA L. Amygdalaceae.

Peach.

From New Jersey. Tree presented by M. A. Blake, New Jersey Experiment Station, New Brunswick. Received April 5, 1944.

Fireglow.

148396 to 148400. PHASEOLUS VULGARIS L. Fabaceae. Bean.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 5, 1944.

148396. *Asgrow Stringless Green Pod*.148397. *Bountiful*.148398. *Idaho Refugee*.148399. *Low's Champion Bush Bean*.148400. *U. S. No. 5 Refugee*.

148401 to 148405.

From Illinois. Scions presented by the Morton Arboretum, Lisle. Received April 10, 1944.

148401. MALUS BACCATA (L.) Moench. Malaceae.

Siberian crab.

Odorata.

148402 to 148405. MALUS.

148402. *Gibb's Golden Gage*.148403. *Lyman Prolific*.148404. *Thomas Roland*.148405. *William Sim*.

148406. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 10, 1944.

Glovel.

148407 to 148409. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Washington, D. C. Seeds purchased from the F. W. Bolgiano Seed Co. Received April 10, 1944.

148407. *Marglobe.*

148408. *Pritchard.*

148409. *Rutgers.*

148410. BRASSICA OLERACEA var. VIRIDIS L. Brassicaceae. Kale.

From Virginia. Seeds presented by Philip T. Williams, Herndon. Received April 10, 1944.

Chou Moellier (Marrow-stemmed kale from New Zealand).

148411 to 148416. MALUS. Malaceae. Apple.

From Minnesota. Trees purchased from the Brand Peony Farms, Faribault. Received April 12, 1944.

148411. *Lonsdale Crab No. 2.*

148412. *Lonsdale Crab No. 4.*

148413. *Lonsdale Crab No. 12.*

148414. *Lonsdale Crab; Large Best Yellow.*

148415. *Lonsdale Crab; Little Yellow.*

148416. *Lonsdale Crab; Mottled Orange Red.*

148417 to 148426.

From North Dakota. Trees purchased from O. H. Will & Co., Bismarck. Received April 12, 1944.

148417 and 148418. *MALUS BACCATA* (L.) Moench. Malaceae. Siberian crab.

148419 and 148420. *MALUS.* Crab.

148419. *Golden Anniversary.*

148420. *Martha-Dolgo.*

148421. *MALUS BACCATA* (L.) Moench. Siberian crab.

148422 to 148426. *MALUS SYLVESTRIS* L. Apple.

148422. *Erikson.*

148425. *Mortoff.*

148423. *Hicks.*

148426. *Rondo.*

148424. *Mantet.*

148427. CRATAEGUS OXYACANTHA L. Malaceae.

From New Jersey. Cuttings purchased from Wm. Flemer's Sons, Inc., Princeton Nurseries, Princeton. Received April 14, 1944.

Paul's Double Scarlet Hawthorn.

148428 and 148429. ZEA MAYS L. Poaceae. Corn.

From Hawaii. Seeds presented by A. J. Mangelsdorf, Hawaiian Sugar Planters' Association, Honolulu. Received April 14, 1944.

148428. *Hawaiian Sugar* × *Golden Cross Bantam.*

148429. *Hawaiian Yellow.*

148430 to 148444. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 15, 1944.

- 148430. *Biloxi*. From Monetta, S. C.
- 148431. *Charlee*. From Mississippi.
- 148432. *Georgia*. From Monetta, S. C.
- 148433. *Harbinsoy*. From New Jersey.
- 148434. *Illini*. From Illinois.
- 148435. *Laredo*. From Mississippi.
- 148436. *Mammoth Yellow*. From Mississippi.
- 148437. *Manchu*. From Illinois.
- 148438. *Minsoy*. From Illinois.
- 148439. *Sac*. From Beltsville, Md.
- 148440. *Tenn. Non Pop*. From Mississippi.
- 148441. *Tokyo*. From Mississippi.
- 148442. *Virginia*. From Beltsville, Md.
- 148443. *White Biloxi*. From Mississippi.
- 148444. *Creole*. From Monetta, S. C.

148445 to 148452.

From Colombia and Costa Rica. Seeds presented by José Ignacio Hernandez, through B. Y. Morrison, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 1, 1944.

Unless otherwise mentioned, seeds were collected in Colombia.

- 148445. HYPARRHENIA RUFA (Nees) Stapf. Poaceae. Grass.

Yaragua Buntero.

- 148446. PUERARIA PHASEOLOIDES (Roxb.) Benth. Fabaceae.

Java Kudzu.

- 148447. SORGHUM VULGARE var. SUDANENSE (Piper) Hitchc. Poaceae. Sudan grass.

- 148448 and 148449. TEPHROSIA TOXICARIA (Sw.) Pers. Fabaceae.

148448. *No. 76*. From Micuro.

148449. *No. 77*. From the Llanos.

- 148450. UROCHLOA PULLULANS Stapf. Poaceae. Gunya grass.

- 148451. VIGNA VEXILLATA (L.) Rich. Fabaceae.
From Costa Rica.

- 148452. ZEA MAYS L. Poaceae. Corn.

148453. CROTALARIA sp. Fabaceae.

From California. Seeds collected by Wilmer Hudnut, United States Army, c/o Postmaster, San Francisco, Calif. Received April 3, 1944.

Probably from the southern Pacific area.

148454 and 148455. LINUM USITATISSIMUM L. Linaceae. Flax.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 17, 1944.

148454. *Jlord*. Grown in Oregon.

148455. *Saginaw*. Grown in Oregon.

- 148456. NICOTIANA RUSTICA L. Solanaceae. Aztec tobacco.**
 From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 17, 1944.
 Grown at Upper Marlboro, Md.
- 148457 to 148459. MALUS. Malaceae. Apple.**
 From Canada. Scions purchased from the Honeywood Nursery, Parkside, Saskatchewan. Received April 17, 1944.
148457. *Calros Crab*.
 148458. *Red Siberian Crab*.
 148459. *Rosthern No. 17*.
- 148460 and 148461. ARACHIS HYPOGAEA L. Fabaceae. Peanut.**
 From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 19, 1944.
 Grown in Virginia.
148460. *Improved Spanish 2-B*.
 148461. *Spanish 18-38*.
- 148462 to 148474. TRITICUM AESTIVUM L. Poaceae. Common wheat.**
 From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 19, 1944.
148462. *Baart*. From Pullman, Wash.
 148463. *Ceres*. From Fargo, N. Dak.
 148464. *Comanche*. From Hays, Kans.
 148465. *Denton*. From Denton, Tex.
 148466. *Federation*. From Pullman, Wash.
 148467. *Fulcaster*. From Denton, Tex.
 148468. *Fultz*. From Arlington Farms, Va.
 148469. *Kanred*. From Hays, Kans.
 148470. *Kubanka*. From Fargo, N. Dak.
 148471. *Mediterranean*. From Denton, Tex.
 148472. *Mindum*. From Fargo, N. Dak.
 148473. *Pentad*. From Fargo, N. Dak.
 148474. *Tenmarq*. From Hays, Kans.
- 148475 to 148503.**
 From Canada. Scions presented by the Central Experimental Farm, Ottawa. Received April 19, 1944.
- 148475 to 148478. × MALUS ADSTRINGENS Zabel. Malaceae.**
148475. *Alberta. Malus baccata × Haas*.
 148476. *Carleton. Malus baccata × Wealthy*.
 148477. *Elsa. Malus baccata × Yellow Transparent*.
 148478. *Jewel. Malus baccata × Yellow Transparent*.

148475 to 148503—Continued

148479. MALUS sp.

*Lyman Prolific crab.*148480. \times MALUS ADSTRINGENS Zabel.

Apple.

Mecca. Malus baccata \times Simbirsk No. 9.

148481. MALUS.

Quaker Beauty crab.

148482 to 148485. MALUS.

148482. *Redman. (Malus baccata \times Tetofsky) \times McIntosh.*148483. *Rosthern Seedling No. 16.*148484. *Rosthern Seedling No. 18.*148485. *Rosthern Seedling No. 22.*148486. \times MALUS ADSTRINGENS Zabel.*Malus baccata \times McMahon White.*

148487. MALUS.

(Malus baccata \times Tetofsky) \times McIntosh.

148488 and 148489. PRUNUS ARMENIACA L. Amygdalaceae.

Apricot.

148488. *C-14.*148489. *F-27.*

148490. MALUS.

Babine. Malus sylvestris Var. Niedzwetzkyana \times baccata.

148491. MALUS.

Dauphin. Seedling of Malus sylvestris Var. Niedzwetzkyana.

148492. MALUS.

Lennoxville crab.

148493 and 148494. MALUS.

*Seedlings of Malus sylvestris Var. Niedzwetzkyana.*148493. *Makamik.*148494. *Manito.*

148495 and 148496. MALUS.

*Malus sylvestris Var. Niedzwetzkyana \times baccata.*148495. *Muskoka.*148496. *Nipissing.*148497. \times MALUS SOULARDII (Bail.) Britton.*Red Tip crab.*

148498. MALUS.

*Rosseau. Seedling of Malus sylvestris Var. Niedzwetzkyana.*148499. \times MALUS ADSTRINGENS Zabel.*Simcoe. Malus baccata \times sylvestris Var. Niedzwetzkyana.*

148500. MALUS.

Sissipuk. Malus sylvestris Var. Niedzwetzkyana \times baccata.

148501 to 148503. MALUS.

148501. *Slocan. Seedling of Malus sylvestris Var. Niedzwetzkyana.*148502 and 148503. *Malus sylvestris Var. Niedzwetzkyana \times baccata.*148502. *Timiskaming.*148503. *Wabiskaw.*

148504 to 148506. ZEA MAYS L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 20, 1944.

148504. *Creole Yellow Flint*. From Louisiana.

148505. *White Tuxpan*. From Louisiana.

148506. *Yellow Tuxpan*. From Louisiana.

148507 to 148516. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 20, 1944.

From Monetta, S. C.

148507. *Avoyelles*.

148512. *Cherokee*.

148508. *Barchet*.

148513. *Clemson*.

148509. *Biloxi*.

148514. *Creole*.

148510. *Burnette*.

148515. *Georgian*.

148511. *Charlee*.

148516. *Nanda*.

148517. BOUGAINVILLEA SPECTABILIS Willd. Nyctaginaceae.

From Ecuador. Cuttings collected by Claud L. Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received April 25, 1944.

Collected 5 kilometers east of Portoveijo.

A yellow-bracted variety.

148518. MEDICAGO SATIVA L. Poaceae.

Alfalfa.

From Peru. Seeds presented by A. Manuel M. Manrique, Casilla. Received April 15, 1944.

148519 to 148562.

From Pennsylvania. Seeds purchased from Henry F. Michell Co., Philadelphia. Received April 27, 1944.

148519. AGERATUM HOUSTONIANUM Mill. Asteraceae.

Blue Bell.

148520. ALTHAEA ROSEA Cav. Malvaceae.

Carter's Double mixed.

148521. ALYSSUM MARITIMUM (L.) Lam. Brassicaceae.

Michell's Bouquet.

148522. AMARANTHUS TRICOLOR L. Amaranthaceae.

Molten Fire.

148523. ARCTOTIS STOECHADIFOLIA Bergius. Asteraceae.

148524. BROWALLIA SPECIOSA Hook. Solanaceae.

Major.

148525. CALENDULA OFFICINALIS L. Asteraceae.

Sunbeams.

148526 to 148530. CALLISTEPHUS CHINENSIS (L.) Nees. Asteraceae.

China-aster.

148526. *Early Royal, Azure Blue*.

148519 to 148562—Continued

148526 to 148530—Continued

148527. *Early Royal, Lavender.*148528. *Early Royal, Purple.*148529. *Early Royal, Rose Pink.*148530. *Early Royal, White.*

148531. CELOSIA ARGENTEA L. Amaranthaceae.

148532. CHRYSANTHEMUM sp.

Single, mixed.

148533. COREOPSIS TINCTORIA Nutt. Asteraceae.

Dwarf.

148534 and 148535. DELPHINIUM sp. Ranunculaceae.

148534. *Blue Butterfly.*148535. *Giant Imperial.*

148536. DIANTHUS sp. Silenaceae.

148537. ESCHSCHOLTZIA CALIFORNICA Cham. Papaveraceae.

148538. GAILLARDIA PULCHELIA Foug. Asteraceae.

Double annual.

148539 to 148541. LATHYRUS ODORATUS L. Fabaceae.

Sweet pea.

148539. *Spring-flowering, mixed.*148540. *Michell's Superb Spencer mixture.*148541. *Michell's Early-Flowering Spencer.*

148542 to 148544. × PETUNIA HYBRIDA Vilm. Solanaceae.

148542. *Flaming Velvet.*148543. *Igloo.*148544. *Michell's Dwarf Elk's Pride.*

148545. SCABIOSA sp. Dipsacaceae.

Giant flowering hybrids.

148546 and 148547. TAGETES sp. Asteraceae.

148546. *Dwarf Harmony.*148547. *Giant Chrysanthemum Flowered.*

148548. VINCA ROSEA L. Apocynaceae.

148549 to 148562. ZINNIA ELEGANS Jacq. Asteraceae.

148549. *Fantasy.*148550. *Howard's Choice New Giants.*148551. *California Giant, Cerise Queen.*148552. *California Giant, Daffodil.*148553. *California Giant, Enchantress.*148554. *California Giant, Golden Queen.*148555. *California Giant, Grenadier.*148556. *California Giant, Lavender Queen.*148557. *California Giant, Miss Wilmott.*148558. *California Giant, Orange Queen.*148559. *California Giant, Purity.*

148519 to 148562—Continued

148549 to 148562—Continued

148560. *California Giant, Salmon Queen.*148561. *California Giant, Scarlet Queen.*148562. *California Giant, Violet Queen.*148563. CAJANUS CAJAN (L.) Druce. Fabaceae. **Pigeonpea.**

From Puerto Rico. Seeds presented by the Federal Experiment Station, Mayagüez. Received April 27, 1944.

Black and white varieties, mixed.

148564. PINUS PALUSTRIS Mill. Pinaceae. **Longleaf pine.**

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received April 28, 1944.

148565 and 148566. VACCINIUM. Vacciniaceae.

From Canada. Cuttings presented by E. A. Eaton, Experiment Station, Kentville, Nova Scotia. Received May 1, 1944.

148565. Kengrape blueberry.

148566. Kenlate blueberry.

148567 to 148607.

From Pennsylvania. Seeds purchased from Henry F. Michell Co., Philadelphia. Received April 27, 1944.

148567. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. **Okra.**
*Clemson Spineless.*148568. APIUM GRAVEOLENS L. Apiaceae.
*Giant Prague, Celeriac.*148569 to 148571. BETA VULGARIS L. Chenopodiaceae. **Beet.**
148569. *Crosby Egyptian Special.*148570. *Detroit Dark Red.*148571. *Early Wonder.*148572. BETA VULGARIS var. CICLA L. Chenopodiaceae. **Chard.**
*Fordhook Giant.*148573 and 148574. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**148573. *Jersey Queen.*148574. *Marion Market.*148575. BRASSICA OLERACEA var. CAULORAPA L. Brassicaceae. **Kohlrabi.**
*Early White Vienna.*148576 and 148577. BRASSICA OLERACEA var. VIRIDIS L. Brassicaceae.
148576. *Cabbaging collards.*148577. *Dwarf Blue Scotch kale.*148578. BRASSICA PEKINENSIS (Lour.) Rupr. Brassicaceae. **Petsai.**
*Chihili.*148579. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**
Early Market.

148567 to 148607—Continued

- 148580 to 148583. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.
 148580. *Cocozele*.
 148581. *Early White Bush*.
 148582. *Golden Table Queen*.
 148583. *Yankee Hybrid*.
 148584 to 148586. DAUCUS CAROTA L. Apiaceae. Carrot.
 148584. *Chantenay Half Long Special*.
 148585. *Danver's Half Long*.
 148586. *Guerande*.
 148587 and 148588. LACTUCA SATIVA L. Cichoriaceae. Lettuce.
 148587. *Black-Seeded Simpson*.
 148588. *Early Curled Selesian*.
 148589. LACTUCA sp. Cichoriaceae.
Celtuce.
 148590 to 148592. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.
 148590. *Break O'Day*.
 148591. *Jubilee*.
 148592. *Rutger's Special*.
 148593 to 148598. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
 148593. *Early Red Valentine Dwarf Bean*.
 148594. *Keystonian Dwarf Bean*.
 148595. *Medal Refugee Dwarf Bean*.
 148596. *Stringless Green Pod Dwarf Bean*.
 148597. *Kentucky Wonder Pole Bean*.
 148598. *Fordhook Dwarf Lima*.
 148599 to 148602. PISUM SATIVUM L. Fabaceae. Pea.
 148599. *Champion of England*.
 148600. *Early June*.
 148601. *Gradus*.
 148602. *Thomas Laxton*.
 148603. RHEUM RHAPONTICUM L. Polygonaceae. Rhubarb.
Victoria.
 148604. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.
Bansei.
 148605 to 148607. ZEA MAYS L. Poaceae. Corn.
 148605. *Bantam Evergreen*.
 148606. *Golden Bantam*.
 148607. *Golden Giant*.

148608 and 148609.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 1, 1944.

148608. CHLORIS GAYANA Kunth. Poaceae. Rhodes grass.
 148609. DESMODIUM TORTUOSUM (Sw.) DC. Fabaceae.

148610. *CINCHONA PITAYENSIS* Wedd. Rubiaceae.

From Colombia. Seeds presented by Misión de Quina, Bogotá. Received April 27, 1944.

Collected in Departamentos de Cauca and Nariño at altitudes ranging from 8,500 to 9,500 feet, during February and March 1944.

148611 to 148615. *GOSSYPIMUM*. Malvaceae.

Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 1, 1944.

148611. *Coker 100*.

148612. *Delfos 9252*.

148613. *Deltapine 14*.

148614. *Stoneville 2-B*.

148615. *Stoneville 7303*.

148616 to 148683.

From Iran. Seeds collected by Dr. Walter Koelz, Tehran. Received April 22, 1944.

148616. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.

148617 to 148621. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

Notes on fruits from which seeds were taken.

148617. No. 8285. From Karaj, August 23, 1943. Fruit subglobose, 4 inches in diameter, pale yellow, checkered with crimson, freestone; flesh white, heavily stained at the pit, very juicy, and of excellent flavor.

148618. No. 8288. From Karaj, August 29, 1943. Fruit pale yellow, checkered with red, 2¼ inches in diameter, freestone; flesh white, and of excellent flavor.

148619. No. 8324. From Karaj, August 25, 1943. Fruit globose, 3¼ inches in diameter, pale yellow, checkered with crimson, freestone; flesh white, juicy, and of fine flavor.

148620. No. 8326. From Rezaieh, Azerbaijan, November 16, 1943.

148621. No. 8327. From Maragheh, Azerbaijan, November 20, 1943.

148622 to 148624. *AMYGDALUS PERSICA* var. *NECTARINA* Ait. Amygdalaceae. Nectarine.

148622. No. 8276. From Karaj, August 6, 1943. Fruit subglobose, 1¼ inches in diameter, freestone; flesh white and of good flavor.

148623. No. 8290. From Karaj, August 31, 1943. Fruit subglobose, 1¼ inches in diameter, crimson washed yellow, rough skin; flesh white, of fine flavor.

148624. No. 8292. From Karaj, August 31, 1943. Fruit subglobose, 2 inches in diameter, crimson clouded yellow; flesh heavily stained with crimson, good flavor.

148625. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

No. 8282. *Chaghonda*. From Karaj, August 21, 1943. Root long, red, fiberless, good sugar content.

148626 to 148635. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

148626. No. 8321. From Karaj, November 7, 1943. Fruits scarlet, 5 inches long by 2¼ inches at base, tapering smoothly to a sharp tip. Flesh sweet; seeds mildly pungent.

148616 to 148683—Continued

148626 to 148635—Continued

148627. No. 8322. From Karaj, November 7, 1943. Fruits scarlet, 6 by $1\frac{3}{4}$ inches, irregular surface, tapering and curving to the blunt tip; flesh and seed sweet.
148628. No. 8323. From Karaj, November 7, 1943. Fruit $3\frac{1}{2}$ by $1\frac{1}{4}$ inches, scarlet, tapering smoothly to a point; sweet.
148629. No. 8330. From Karaj, November 30, 1943. Fruit scarlet, 3 inches by 1 inch; flesh and seeds sweet.
148630. No. 8331. From Karaj, November 30, 1943. Fruit 3 inches by 1 inch, scarlet, hot.
148631. No. 8332. From Karaj, November 30, 1943. Fruit button-shaped, 1 inch in diameter, scarlet, hot.
148632. No. 8333. From Karaj, November 30, 1943. Fruit blunt, 1 by $\frac{3}{4}$ inch, scarlet, hot.
148633. No. 8334. From Karaj, November 30, 1943. Fruit elongate triangular, $2\frac{1}{4}$ inches by 1 inch, scarlet, sweet.
148634. No. 8335. From Karaj, November 30, 1943. Fruit blunt, $1\frac{1}{2}$ inches by 1 inch, scarlet; mildly hot.
148635. No. 8336. From Karaj, November 30, 1943. Fruit $2\frac{1}{4}$ inches by $\frac{3}{4}$ inch, scarlet; mildly hot.

148636 to 148645. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

148636. No. 8280. From Karaj, August 20, 1943. Fruit elongate, 9 by 6 inches, pale green, lightly reticulate; flesh pink, good flavor; rind $\frac{1}{2}$ inch thick.
148637. No. 8284. From Karaj, August 23, 1943. Fruit globose, 7 inches in diameter, pea green, with broken darker reticulations; rind $\frac{1}{2}$ inch thick; flesh pink, good flavor.
148638. No. 8296. From Karaj, September 8, 1943. Fruit globose, 8 inches in diameter, grass green, mottled darker; rind $1\frac{1}{2}$ inches thick; flesh pink, good flavor.
148639. No. 8299. From Karaj, September 17, 1943. Fruit subglobose, 7 inches in diameter, pale green, striped darker; rind $\frac{1}{2}$ inch thick; flesh pink, good flavor.
148640. No. 8300. From Karaj, September 17, 1943. Fruit globose, 8 inches in diameter, pale green, striped darker; rind $\frac{1}{2}$ inch thick; flesh pink, good flavor.
148641. No. 8301. From Karaj, September 24, 1943. Fruit globose, 9 inches in diameter, grass green, mottled darker; rind $\frac{3}{4}$ inch thick; flesh pink, good flavor.
148642. No. 8304. From Sharifabad, near Gazvin, October 15, 1943. Fruit globose, 9 inches long, pea green, reticulated darker; rind $\frac{1}{2}$ inch thick; flesh rose, good flavor. Said to be grown without irrigation.
148643. No. 8305. From Sharifabad, near Gazvin, October 25, 1943. Fruit, globose, 9 inches long, green with irregular broken stripes; flesh red; unirrigated.
148644. No. 8306. From Sharifabad, near Gazvin, October 25, 1943. Fruit globose, 9 inches in diameter, like No. 8305 (P. I. 148643) on the surface.
148645. No. 8329. From Sharifabad, November 25, 1943.

148616 to 148683—Continued

148646 to 148650. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

148646. No. 8275. From Tehran, August 1, 1943. Fruit globose, 7 inches in diameter, heavily netted with narrow green rib-stripes; flesh 1½ inches thick, green, good flavor.

148647. No. 8278. From Karaj, August 8, 1943. Fruit globose, 5 inches in diameter, heavily ribbed, nearly smooth, greenish; flesh white, sourish. Said to be from India.

148648. No. 8297. From Karaj, September 8, 1943. Fruit globose, 5 inches in diameter, golden brown with ribs of yellow, nearly smooth; flesh 1 inch thick, white, good flavor.

148649. No. 8302. From Karaj, September 24, 1943. Fruit football-shaped, 11 inches in diameter, green and yellow, coarsely netted; flesh 2¼ inches thick, green, good flavor.

148650. No. 8303. From Karaj, October 10, 1943. Fruit elongate 14 inches by 8 inches, gold, heavily netted; flesh 2¼ inches thick, white, sweet, perfumed.

148651 to 148653. FICUS CARICA L. Moraceae. Common fig.

Notes on fruits from which seeds were taken.

148651. No. 8289. From Karaj, August 31, 1943. Fruit flat, 1¾ inches in diameter, yellow; sweet flavor; seed inconspicuous.

148652. No. 8291. From Karaj, August 21, 1943. Fruit flattened, 1¾ inches in diameter, purple.

148653. No. 8325. From Karaj, November 10, 1943. Fruit yellow, 1½ inches in diameter; sweet flavor.

148654 to 148656. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

148654. No. 8279. From Karaj, August 20, 1943. Fruit irregular, 4½ inches in diameter, round, 2½ inches high, red, few-seeded.

148655. No. 8281. From Karaj, August 20, 1943. Fruit irregular, 4½ inches in diameter, round, 2½ inches high, red, few-seeded.

148656. No. 8295. From Karaj, September 8, 1943. Fruit flattened, 3 by 2½ inches, red. Leaves less dissected than the common sorts.

148657 to 148664. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.

Notes on fruits from which seeds were taken.

148657. No. 8270. From Karaj, August 10, 1943. Fruits amygdaloid, pale yellow, checkered with red, 1¾ inches in diameter; flesh pale yellow, sweet but of no distinctive flavor.

148658. No. 8271. From Karaj, August 10, 1943. Fruit subglobose, golden, with red cheek, 1¾ inches in diameter; flesh gold. A good sort, said to be a seedling.

148659. No. 8272. From Karaj, August 25, 1943. Fruits subglobose, 2¼ inches in diameter, pale yellow; flesh white, sweet, and of good flavor. An exceptional sort.

148660. No. 8273. From Karaj, August 28, 1943. Fruit amygdaloid, 2 inches in diameter, yellow, checkered with red; flesh yellow, of good flavor.

148661. No. 8274. From Karaj, August 28, 1943. A mixture of medium-sized subglobose fruits, 1½ by 1¾ inches, pale yellow; flesh white, sweet; may be stewed without sugar.

148662. No. 8286. From Karaj, August 24, 1943. Fruits ovoid, 1½ inches in diameter, pale yellow; flesh pale yellow. A very late variety.

148663. No. 8294. From Tehran, September 5, 1943. Fruits 1 by 1¼ inches, white to pale yellow flesh, good quality. A mixture of very late varieties.

148664. No. 8328. From Maragheh, Azerbaijan, November 20, 1943. A mixture of several varieties.

148616 to 148683—Continued

148665 to 148667. PRUNUS CERASIFERA Ehrh. Myrobalan plum.

148665. No. 8268. From Karaj, June 10, 1943. Fruits subglobose, 1½ inches in diameter, downy, pale yellow, heavily cheeked with red; plumlike flesh. A rare variety.

148666. No. 8293. Karaj, August 31, 1943. Fruits said to be plumlike but dwarfish.

148667. No. 8298. From Karaj, September 16, 1943. Fruit globose, 1½ inches in diameter, yellow, good. Very late maturing. Seedlings probably useful as rootstocks.

148668 and 148669. PRUNUS DOMESTICA L. Common plum.

Notes on fruits from which seeds were taken.

148668. No. 8269. From Karaj, August 10, 1943. Fruits freestone, elongate, compressed, apricotlike, but completely crimson; flesh colorless, of distinctive flavor; most seeds sterile.

148669. No. 8287. From Tehran, August 29, 1943. Fruit ovoid, reddish purple, 2 inches in diameter, of excellent flavor.

148670. PRUNUS sp.

No. 8283. From Karaj, August 21, 1943. A wild tree up to 8 feet high, bushy, drought-tolerant, heavy-bearing; fruit 1 inch in diameter, reddish; ornamental and for possible use as stock.

148671 to 148683. VIGNA SINENSIS (Torner) Hassk. Fabaceae. Cowpea.

From Karaj, October 25, 1943.

Samples from various parts of Iran.

148671. No. 8307.

148678. No. 8314.

148672. No. 8308.

148679. No. 8315.

148673. No. 8309.

148680. No. 8316.

148674. No. 8310.

148681. No. 8317.

148675. No. 8311.

148682. No. 8318.

148676. No. 8312.

148683. No. 8319.

148677. No. 8313.

148684. VITIS. Vitaceae.

Grape.

From Brazil. Plants presented by Guy L. Bush, Agricultural Attaché, American Embassy, Rio de Janeiro. Received June 20, 1944.

Niagara Rose.

148685 to 148700.

From Pennsylvania. Seeds purchased from Henry F. Michell Co., Philadelphia. Received May 5, 1944.

148685. AGERATUM HOUSTONIANUM Mill. Asteraceae.

Dwarf Blue Ball.

148686 to 148688. ANTIRRHINUM MAJUS L. Scrophulariaceae. Snapdragon.

148686. *Campfire.*148687. *Swingtime.*148688. *New Super-Majestic.*

148689. CALLISTEPHUS CHINENSIS (L.) Ness. Asteraceae. China-aster.

Victory, Giants, mixed.

148690. CELOSIA CRISTATA L. Amaranthaceae. Common cockscomb.

Royal Velvet.

148685 to 148700—Continued

148691 and 148692. *DIANTHUS CHINENSIS* L. Silenaceae. Chinese pink.
Double, mixed.

148693. *ESCHSCHOLTZIA CALIFORNICA* Cham. Papaveraceae.
Mandarin.

148694. *MATTHIOLA INCANA* R. Br. Brassicaceae. Stock.

148695 to 148697. *PETUNIA* sp. Solanaceae.

148695. *Admiral*.

148696. *New Dazzler*.

148697. *New Victory*.

148698. *PHLOX DRUMMONDII* Hook. Polemoniaceae.
Gigantea.

148699. *SALPIGLOSSIS SINUATA* Ruiz & Pav. Solanaceae.
Emperor.

148700. *VIOLA CORNUTA* L. Violaceae.
Mixed.

148701 and 148702. *ZEA MAYS* L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 5, 1944.

148701. *Mexican June*.

148702. *Tuxpan*.

148703 to 148712.

From Canada. Trees purchased from the McConnell Nursery Co., Port Burwell, Ontario. Received May 6, 1944.

148703. *MALUS*. Malaceae. Apple.
Arrow. Seedling of *Malus sylvestris* Var. *Niedzwetzkyana*.

148704. \times *MALUS ADSTRINGENS* Zabel.

Athabasca. *Malus baccata* \times *M. sylvestris* Var. *Niedzwetzkyana*.

148705. *MALUS*.

Erie. Seedling of *Malus sylvestris* Var. *Niedzwetzkyana*.

148706. *MALUS* sp.

Martha crab.

148707. *MALUS*.

Nome. *Malus sylvestris* Var. *Niedzwetzkyana* \times *M. baccata*.

148708. *MALUS*.

Okanagan. Seedling of *Malus sylvestris* Var. *Niedzwetzkyana*.

148709. \times *MALUS ADSTRINGENS* Zabel.

Simcoe.

See P. I. 148499 for previous introduction.

148710. *MALUS*.

Slocan.

See P. I. 148501 for previous introduction.

148711. *MALUS* sp.

Transcendent crab.

148703 to 148712—Continued**148712. MALUS sp.***Whitney crab.***148713. PLAZIA ARGENTEA (Don) Kuntze. Asteraceae.**

From Argentina. Seeds obtained through Prof. H. H. Bartlett, University of Michigan. Received April 28, 1944.

Olivillo.

Collected in the Territory of La Pampa, Argentina. A shrub reported to thrive on the alkaline plains of northern Argentina.

148714 and 148715. NICOTIANA RUSTICA L. Solanaceae.**Aztec tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 8, 1944.

148714. 34753 (A).**148715. 68 (A).****148716 and 148717. ZEA MAYS L. Poaceae.****Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 8, 1944.

148716. Mexican June.**148717. Tuxpan.****148718. ARCTIUM LAPPA L. Asteraceae.**

From Connecticut. Seeds presented by Mrs. Andrew L. Winton, Winton Laboratories, Wilton. Received May 9, 1944.

Gobo. A variety with greatly thickened roots, grown as a vegetable in Japan.

148719. CUPRESSUS TORULOSA Don. Pinaceae. Bhutan cypress.

From India. Seeds presented by Government Gardens, Chaubattia, United Provinces, India, through W. R. Coe, Chrysler Building, New York, N. Y. Received May 9, 1944.

A pyramidal tree up to 150 feet high with short horizontal branches, slender drooping branchlets and bright or bluish-green leaves. Native to the Himalayas at 5,000 to 9,000 feet altitude.

148720. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received April 22, 1944.

Cultivated at the mouth of the Rio Uaupes, Amazonas. Collected March 20, 1944.

148721. MALVA VERTICILLATA L. Malvaceae.

From China. Seeds presented by the Ministry of Foreign Affairs, through the American Embassy, Chungking. Received April 27, 1944.

148722 to 148726. AVENA SATIVA L. Poaceae.**Oats.**

From Scotland. Seeds presented by William Robb, Director of Research, Scottish Plant Breeding Station, Craigs House, Corstorphine, Edinburgh. Received April 27, 1944.

148722. Castleton. From Castleton.**148723. Gordon. Station No. 379.**

148722 to 148726—Continued

148724. *Potato*. Pure line, from Ayr.

148725. *Quality*. From Castleton.

148726. *Str. R. 30*. From Ayr.

148727. CEIBA sp. Bombacaceae.

From Colombia. Seeds presented by Richard E. Schultes, Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received April 28, 1944.

No. 5717. July 1943. From the confluence of the Rios Macaya and Ajaju.

148728. PANICUM OBTUSUM H.B.K. Poaceae. Grass.

From Arizona. Seeds obtained from the Soil Conservation Service, Douglas. Received May 11, 1944.

148729 to 148736.

From California. Seeds presented by the Citrus Experiment Station, Riverside. Received May 12, 1944.

148729. *CITRUS*. Rutaceae.

Lemelo-CPB 1145-V-cutt.

148730. *CITRUS CELEBICA* var. *SOUTHWICKII* (Wester) Swingle.

CPB 10128 cutt.

148731. *CITRUS GRANDIS* (L.) Osbeck.

Pummelo.

Cuban Shaddock.

148732. *CITRUS*.

Shaugguan. (Citrus ichangensis × C. grandis (?)).

148733. *CITRUS LIMON* (L.) Burm. f. Rutaceae.

Lemon.

Philippine hybrid. CPB 7831.

148734. *CITRUS TAIWANICA* Tan. Rutaceae.

For previous introduction see 71238.

148735. *CITRUS × PONCIRUS TRIFOLIATA*. Rutaceae.

Troyer Citrange. C. E. S. 1459.

148736. *PONCIRUS TRIFOLIATA × CITRUS LIMON*. Rutaceae.

Citremón. CPB 1448.

148737. BOUTELOUA ERIPODA Torr. Poaceae. Grass.

From Arizona. Seeds presented by the Soil Conservation Service, Flagstaff. Received May 13, 1944.

Black Grama.

148738. PASPALUM NOTATUM Fluegge. Poaceae. Bahia grass.

From Georgia. Seeds presented by G. W. Burton, Experiment Station, through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 16, 1944.

Pensacola strain.

148739. MELINIS MINUTIFLORA Beauv. Poaceae. Molasses grass.

From Venezuela. Seeds presented by the Comisión Venezolana Interamericana, Caracas, through the Inter-American Development Commission. Received May 1, 1944.

Pasto Yaragua.

148740. LATANIA COMMERSONII Gmel. Phoenicaceae. Palm.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered May 17, 1944.

Obtained originally January 8, 1929, from the Botanic Garden, Buitenzorg, Java.

A tall spineless palm, native to Mauritius Island, 30 to 49 feet high, with palmate leaves 5 to 6 feet long, having a red petiole and with the veins and margins tinged with red.

For previous introduction see 80185.

148741 to 148747. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Africa. Tubers presented by the East African Research Station, Amani, Tanganyika. Received May 19, 1941.

148741. *Calabash leaf* No. 223.

148742. *Kandolo* No. 1515.

148743. *Kasunga* No. 1516.

148744. *Russian Leaf* No. 760.

148745. No. 76-A (No. 88).

148746. No. 76-B (No. 91).

148747. No. 76-C (No. 83).

148748. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Maryland. Seeds obtained from the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 19, 1944.

Pan America.

148749 to 148763.

From Washington, D. C. Seeds purchased from the F. W. Bolgiano Seed Co. Received May 19, 1944.

148749. *ALYSSUM MARITIMUM* (L.) Lam. Brassicaceae.

148750. *AMARANTHUS* sp. Amaranthaceae.

Molten Fire.

148751. *CALENDULA* sp. Asteraceae.

Mixed.

148752. *CELOSIA ARGENTEA* L. Amaranthaceae. **Feather cockscomb.**

Childsii.

148753. *CHRYSANTHEMUM CARINATUM* Schousb. Asteraceae.

Annual mixed.

148754. *CYNOGLOSSUM* sp. Boraginaceae.

Firmament.

148755. *DELPHINIUM* sp. Ranunculaceae.

Azure Blue.

148756. *DIMORPHOTHECA AURANTIACA* DC. Asteraceae.

African Daisy.

148757. *GILIA CAPITATA* Sims. Polemoniaceae.

148758 and 148759. *NICOTIANA* sp. Solanaceae.

148758. *Tuberose-flowered*, mixed.

148759. *Tuberose-flowered*, white.

148749 to 148763—Continued

148760. PETUNIA sp. Solanaceae.

Rosy Morn.

148761. PHLOX DRUMMONDII Hook. Polemoniaceae.

Pink.

148762. TAGETES sp. Asteraceae.

African marigold, mixed.

148763. TAGETES sp.

*Dwarf French marigold, mixed.***148764 and 148765. CHRYSANTHEMUM sp. Asteraceae.**

From Pennsylvania. Seeds purchased from Henry F. Michell Co., Philadelphia. Received May 19, 1944.

148764. Double mixed.

148765. Bright Rose.

148766 to 148774. AVENA SATIVA L. Poaceae.**Oats.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 19, 1944.

148766. *Camellia*. C. I. No. 4079.148767. *Letoria*. C. I. No. 3392.148768. *Quincy 1*. C. I. No. 4079.148769. *Ranger*. C. I. No. 3417.148770. *Sac*. C. I. No. 3907.148771. *Ventura*. C. I. No. 3989.148772. *Verde*. C. I. No. 4313.148773. *Victorgrain*. (Str. 4.) C. I. No. 2438.148774. *Westdale*. C. I. No. 3101.**148775. SORGHUM VULGARE Pers. Poaceae.**

From Texas. Seeds presented by the Texas Agricultural Experiment Station, Substation No. 12, Chillicothe. Received May 19, 1944.

*Milo Maiz.***148776 to 148784. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

From North Dakota. Seeds presented by the North Dakota Agricultural Experiment Station, Fargo. Received May 22, 1944.

148776. *Allred*.148777. *Bison*.148778. *Bounty*.148779. *Fargo Yellow Pear*.148780. *Firesteel*.148781. *Golden Bison*.148782. *Red River*.148783. F₂ generation of *Bounty* × *Break-O-Day*.148784. F₂ generation of *Bounty* × *Firesteel*.

148785. CHRYSANTHEMUM CINERARIAEFOLIUM (Trevir.) Vis.
Asteraceae.

From England. Seeds presented by C. T. Gimmingham, Plant Pathology Laboratory, Ministry of Agriculture and Fisheries, Milton Road, Harpenden, Herts. Received May 12, 1944.

148786 to 148849.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 23, 1944.

148786 to 148797. AVENA SATIVA L. Poaceae. Oats.

148786. <i>Black Mesdag.</i>	148792. <i>Red Rustproof.</i>
148787. <i>Bond.</i>	148793. <i>Richland.</i>
148788. <i>Fulghum.</i>	148794. <i>Silvermine.</i>
148789. <i>Green Russian.</i>	148795. <i>Swedish select.</i>
148790. <i>Kherson.</i>	148796. <i>Victoria.</i>
148791. <i>Markton.</i>	148797. <i>White Tartar.</i>

148798 to 148812. HORDEUM VULGARE L. Poaceae. Barley.

148798. <i>Algerian.</i>	148806. <i>Minia.</i>
148799. <i>Atlas.</i>	148807. <i>Nigrate.</i>
148800. <i>Barbless.</i>	148808. <i>Peatland.</i>
148801. <i>Chevron.</i>	148809. <i>Sandrel.</i>
148802. <i>Club Mariout.</i>	148810. <i>Tennessee Beardless 5.</i>
148803. <i>Glabron.</i>	148811. <i>Trebi.</i>
148804. <i>Kwan.</i>	148812. <i>Velvet.</i>
148805. <i>Manchuria.</i>	

148813 to 148819. LINUM USITATISSIMUM L. Linaceae. Flax.

148813. <i>Bison.</i>	148817. <i>Newland.</i>
148814. <i>Bolley Golden.</i>	148818. <i>Ottawa 770B.</i>
148815. <i>Golden.</i>	148819. <i>Smokey Golden.</i>
148816. <i>Koto.</i>	

148820 to 148826. ORYZA SATIVA L. Poaceae. Rice.

148820. <i>Acadia.</i>	148824. <i>Edith.</i>
148821. <i>Calady.</i>	148825. <i>Nira.</i>
148822. <i>Caloro.</i>	148826. <i>Rexoro.</i>
148823. <i>Colusa.</i>	

148827 to 148830. SECALE CEREALE L. Poaceae. Rye.

148827. <i>Dakold.</i>	148829. <i>Raritan.</i>
148828. <i>Prolific.</i>	148830. <i>Star.</i>

148831 to 148849. TRITICUM AESTIVUM L. Poaceae. Common wheat.

148831. <i>Apex.</i>	148837. <i>Kanred.</i>
148832. <i>Baart.</i>	148838. <i>Kubanka.</i>
148833. <i>Escondido.</i>	148839. <i>Marquis.</i>
148834. <i>Federation.</i>	148840. <i>Mediterranean.</i>
148835. <i>Florence.</i>	148841. <i>Merit.</i>
148836. <i>Hope.</i>	148842. <i>Mida.</i>

148786 to 148849—Continued

148831 to 148849—Continued

148843. *Minturki*.148847. *Sonora*.148844. *Pilot*.148848. *Thatcher*.148845. *Regent*.148849. *Turkey*.148846. *Reward*.

148850 and 148851.

From Colombia. Seeds collected by F. R. Fosberg, Office of Foreign Agricultural Relations, Washington, D. C. Received May 12, 1944.

148850. *CINCHONA OFFICINALIS* L. Rubiaceae.

From Quebrada Babilonia, above Arboledas, north of Santander, at an altitude of 2,400 meters; April 11, 1944.

148851. *REMIJIA PURDIEANA* Wedd. Rubiaceae.

From La Gomez, 40 km. east of Puerto Wildres, Santander, at an altitude of 150 meters; April 15, 1944.

148852 to 148854. *MALUS* spp. Malaceae.

From North Dakota. Trees purchased from the Carl A. Hansen Nursery, Brookings. Received May 25, 1944.

148852. *MALUS* sp.*Joy*. A crabapple.148853. *MALUS* sp.*Red Flesh*. (*Malus ioensis* × *M. sylvestris* Var. *Niedzwetzkyana*).148854. *MALUS BACCATA* (L.) Moench.*Siberian Flowering*.148855 to 148857. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.
Sweetpotato.

From Brazil. Tubers collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received January 3, 1944. Numbered in May, 1944.

148855. (No special data.)

148856. Tuber cigar-shaped, red-skinned.

148857. Tuber heart-shaped, light-skinned.

148858. *DIOSCOREA* sp. Dioscoreaceae.

From Brazil. Aerial tubers presented by Dr. Karl D. Butler, Instituto Agronômico do Norte, Belém, Pará. Received May 20, 1942, numbered May 26, 1944.

148859 to 148866.

From Colombia. Seeds presented by Eduardo Hernandez A., Pijao, Departamento de Caldas. Received May 26, 1944.

148859. *ANNONA CHERIMOLA* Miller. Annonaceae.

Cherimoya.

148860. *GENIPA AMERICANA* L. Rubiaceae.*Jagüe*.

For previous introduction see 44183.

148861. *GUAZUMA ULMIFOLIA* Lam. (*G. tomentosa* H.B.K.). Sterculiaceae.
Guásimo.

For previous introduction see 116782.

148859 to 148866—Continued**148862.** *PHYLLANTHUS* sp. Euphorbiaceae.*Chirrinchao*. A handsome tree.**148863.** (Undetermined.) *Araño*. A shrub with fine-grained wood.**148864 to 148866.** *ZEA MAYS* L. Poaceae.**Corn.**

From Chile. Seeds presented by the Ministerio de Agricultura, Santiago. Received May 26, 1944.

148864. *Camelia*. Estacion Genética de Los Andes.**148865.** *Cuarénton*. Estacion Genética de Ovalle.**148866.** *Klein Amarillo*. Estacion Genética de Chillan.**148867 to 148874.**

From Guatemala. Tubers presented by Dr. I. E. Melhus, Iowa State College of Agriculture, Ames, Iowa. Received May 29, 1944.

148867 and 148868. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.**Sweetpotato.**

Collected March 13, 1944.

148869 to 148874. *SOLANUM TUBEROSUM* L. Solanaceae.**Potato.**

Collected March 20, 1944.

148869. White-skinned.**148870.** Red-skinned. From Mazatenango.**148871.** White-skinned. From Mazatenango.**148872.** Red-skinned. From Quezaltenango.**148873.** White-skinned. From Quezaltenango.**148874.** From Quezaltenango.**148875 to 148878.** *GOSSYPIUM*. Malvaceae.**Cotton.**

From Mississippi. Seeds presented by the United States Cotton Field Station, Stoneville, through the Division of Cotton and Other Fiber Plants and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 3, 1944.

148875. *Coker-Wilds*, Str. 16.**148878.** *Express 11384*. (*Delpress 3.*)**148876.** *Delfos 9252*.**148877.** *Express 6637*.**148879 to 148882.** *SORGHUM VULGARE* Pers. Poaceae.

From Africa. Seeds presented by P. Garnier, Photo-Hall Soudanais, Bamako, French Sudan. Received May 19, 1944.

148879. No. 5. From Nema.**148881.** No. 77. From San.**148880.** No. 10. From San.**148882.** No. 6. From Sikasso.**148883.** *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae.

From Belgian Congo. Seeds presented by A. T. Semple, Soil Conservation Service, Washington, D. C. Received May 20, 1944.

From Elisabethville.

148884 to 148887. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional La Estanzuela, Departamento de Colonia. Received May 23, 1944.

148884. 84 I.**148886.** No. 204.**148885.** No. 117.**148887.** Or.

148888. CITRUS SINENSIS (L.) Osbeck. Rutaceae. Orange.

From Florida. Cuttings presented by the Fruit and Vegetable Crops Station, Orlando. Received June 3, 1944.

Jaffa Orange.

148889 to 148909.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 6, 1944.

148889 to 148897. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

Grown at Monetta, S. C.

148889. *Avoyelles.*

148894. *Creole.*

148890. *Barchet.*

148895. *Georgian.*

148891. *Biloxi.*

148896. *Monetta.*

148892. *Charlee.*

148897. *Yelredo.*

148893. *Clemson.*

148898. STIZOLOBIUM DEERINGIANUM Bort. Fabaceae. Deering velvetbean.

Grown at Monetta, S. C.

Early Arlington.

148899. STIZOLOBIUM ATERRIMUM Piper & Tracy.

Tracy Black.

148900 to 148909. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

Grown at Beltsville, Md.

148900. *Brabham.*

148905. *New Era.*

148901. *Early Buff.*

148906. *Potomac.*

148902. *Early Red.*

148907. *Taylor.*

148903. *Early Silver.*

148908. *Victor.*

148904. *Groit.*

148909. *Whippoorwill.*

148910. FAGOPYRUM ESCULENTUM Moench. Polygonaceae. Buckwheat.

From Virginia. Seeds presented by T. W. Wood & Sons, Richmond. Received June 6, 1944.

Japanese buckwheat grown in Pennsylvania.

148911 and 148912. NICOTIANA RUSTICA L. Solanaceae.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 6, 1944.

Grown at Arlington Farms, Va.

148911. *No. 68.*

148912. *No. 34753.*

148913. SACCHARUM. Poaceae. Sugarcane.

From the Canal Zone. Cuttings presented by Julius Matz, Experiment Station, Summit. Received June 9, 1944.

N. C. 17. Imp. 882.

148914 to 148916.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 12, 1944.

148914. *DIGITALIS PURPUREA* L. Scrophulariaceae. Common foxglove.

For previous introduction see 103481.

148915. *LOBELIA INFLATA* L. Campanulaceae. Indian-tobacco.

148916. *TANACETUM VULGARE* L. Asteraceae.

148917 to 148938. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Florida. Seeds presented by W. A. Carver, Agricultural Experiment Station, University of Florida, Gainesville. Received June 12, 1944.

148917. 231-51.	148928. 296-4-4.
148918. 88-4-1.	148929. 282-1-2.
148919. 284.	148930. 279-6-1.
148920. 249-18-6-1.	148931. 294-18.
148921. 280-18-6.	148932. 287-31-4.
148922. 231-80-4.	148933. 282-2-2-2.
148923. 288-3.	148934. 287-11.
148924. 288-1.	148935. 230-118-2-2.
148925. 249-40-B-3.	148936. 282-4-3-1.
148926. 281-3-5-1.	148937. 249-40-1-3.
148927. 245-B-3-2.	148938. 293-1.

148939 to 148943.

From Wales. Seeds presented by the Welsh Plant Breeding Station, Pastures and Forage Crops Section, Aberystwyth. Received May 20, 1944.

148939 to 148941. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.

148939. *Cocksfoot S-26/D.X.*

148940. *Cocksfoot S-37/D.K.*

148941. *Cocksfoot S-143/BE.*

148942. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.
S-53/W.

148943. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.
S-23/ABD.

148944 to 148946.

From Washington, D. C. Seeds presented by the Soil Conservation Service, United States Department of Agriculture. Received June 13, 1944.

148944. *PENNISETUM CILIARE* (L.) Link (*P. cenchroides* Rich.). Poaceae.

148945. *SPOROBOLUS INDICUS* (L.) R. Br. Poaceae. Grass.

148946. *STIZOLOBIUM DEERINGIANUM* Bort. Fabaceae. Deering velvetbean.

148947 to 148953.

From Brazil. Plants collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 14, 1944.

148947. *ARISTOLOCHIA* sp. Aristolochiaceae.

From Belem, Pará, June 1944.

148948. *BANISTERIA CAAPI* Griseb. Malpighiaceae.

From the mouth of the Rio Uaupes, Amazonas.

148947 to 148953—Continued

148949. (Undetermined.)

From Cucuhy, Rio Negro. Amazonas.

148950. (Undetermined.)

From Amapa, Territory of Amapa, June 3, 1944.

148951. *MANIHOT* sp. Euphorbiaceae.

From prairie near Amapa, Territory of Amapa, June 3, 1944.

148952. *PHYLLANTHUS* sp. Euphorbiaceae.

From Sao Felipe, Rio Negro, March 1944.

148953. (Undetermined.)

From Sao Felipe, Rio Negro, Amazonas, March 1944.

148954. *ROLLINIA* sp. Annonaceae.

From Colombia. Seeds presented by E. Ruiz Landa, Medellín. Received June 17, 1944.

148955 to 148959.

From Brazil. Plants collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 19, 1944.

148955. *MIMUSOPS* sp. Sapotaceae.

From central Rio Negro, Amazonas, March 1944; seeds grown in Belem, Pará.

Nos. 148956 to 148959 were from Rio Uaupes, Amazonas; seeds grown in Belem, Pará.

148956. *CUNURIA* sp. Euphorbiaceae.

No. 1.

148957. *CUNURIA* sp.

No. 2.

148958. *CUNURIA* sp.

No. 3.

148959. *MICRANDRA* sp. Euphorbiaceae.

148960 to 148969.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 20, 1944.

Grown in Florida, South Carolina, Oklahoma, and Alabama.

148960. *ALYSICARPUS VAGINALIS* (L.) DC. Fabaceae.

For previous introduction see 101185.

148961. *EREMOCHLOA OPHIUROIDES* (Munro) Hack. Poaceae.

Centipede grass.

148962. *INDIGOFERA HIRSUTA* L. Fabaceae.

Indigo.

148963. *PENNISETUM CILIARE* (L.) Link. Poaceae.148964. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

148965. *STIZOLOBIUM ATERRIMUM* Piper & Tracy. Fabaceae. Velvetbean.148966. *STIZOLOBIUM DEERINGIANUM* Bort.

Deering velvetbean.

148967. *VIGNA SINENSIS* (Torner) Hassk. Fabaceae.

Cowpea.

148968 and 148969. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

148968. *Clemson*.148969. *Creole*.

148970 to 148977.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 22, 1944.

From Amapa, Territory of Amapa.

148970. *BROMELIA* sp. Poaceae.

Leaves up to 10 feet long; grows in damp places.

148971. *CLITORIA* sp. Fabaceae.

148972. *CROTALARIA PILOSA* Mill. Fabaceae.

148973. *AESCHYNOMENE PANICULATA* Willd. Fabaceae.

A woody perennial several feet high, with pinnate leaves composed of small linear leaflets and flowers in axillary panicles. Native to Bahia, Brazil.

148974. *DESMONCUS* sp. Phoenicaceae.

Palm.

A climbing palm.

148975. *DOLICHOS* sp. Fabaceae.

148976. *HIBISCUS* sp. Malvaceae.

148977. *MANIHOT* sp. Euphorbiaceae.

From The Savannah, Amapa.

148978 to 148982. AVENA SATIVA L. Poaceae.

Oats.

From Colombia. Seeds presented by Grevasio Obregon, Estación Agricultura Experimental "La Picota," Bogotá. Received June 12, 1944.

148978. *Blanca Alemana*.

148981. *Negra del Pais*.

148979. *Honester Imperial Blanca*.

148982. *The Felder*.

148980. *La Industria*.

148983 and 148984.

Papaya.

From Mexico. Seeds collected by Raymond W. Schulz, Cuernavaca, Morelos. Received June 12, 1944.

148983. *CARICA PAPAYA* L. Papayaceae.

Selected quality.

148984. *PITHECOCTENIUM ECHINATUM* (Jacq.) K. Schum. Bignoniaceae.

A large climbing shrub with opposite, usually bifoliate leaves, and white bell-shaped flowers, yellowing with age, about 2 inches long, in terminal racemes or panicles. A decoction of the flowers is said to have been used by the Aztecs as a remedy for fevers.

148985. PASPALUM NOTATUM Fluegge. Poaceae. Bahia grass.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received June 13, 1944.

No. 587. Wild seed.

148986 to 148992.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 12, 1944.

148986. *CARAPA* sp. Meliaceae.

From Bragança, Pará, May 1944.

148987. *COUMA* sp. Apocynaceae.

From Cucuhy, Rio Negro, Amazonas, March 1, 1944.

148988. *DIPTERYX ODORATA* (Albl.) Willd. Fabaceae.

Tonka-bean.

From Belem, Pará, May 1944.

148986 to 148992—Continued

148989. *HIBISCUS* sp. Malvaceae.

From Rio Negro, Amazonas, February 12, 1944.

148990. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

From Bragança, Pará, May 1944.

148991. *STIZOLOBIUM* sp. Fabaceae.

From Manaos, Amazonas, April 1, 1944.

148992. (Undetermined.)

An undetermined palm.

148993. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae.

From Liberia. Seeds presented by the Firestone Plantations Co., Monrovia.

Received June 5, 1944.

148994 and 148995.

From Brazil. Tubers collected by J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 12, 1944.

From Bragança, Pará May 1, 1944.

148994. *DIOSCOREA* sp. Dioscoreaceae.

Yam.

Cará.

148995. *DIOSCOREA* sp.

Cará.

148996. *PASPALUM NOTATUM* Fluegge. Poaceae. Bahia grass.From Argentina. Seeds presented by Dr. Lorenzo R. Parodi, Buenos Aires.
Received June 12, 1944.148997. *PACHYRHIZUS EROSUS* (L.) Urban (*Cacara erosa* (L.) Kuntze). Fabaceae. Yam-bean.From Mexico. Seeds presented by the American Embassy, Mexico City,
Received June 20, 1944.

Collected in the State of Jalisco, Mexico.

148998 to 149000.

From Argentina. Seeds presented by Carlos L. Thays, Director de Paseos Públicos, Buenos Aires. Received June 21, 1944.

148998. *ARAUCARIA ANGUSTIFOLIA* (Bertol.) Kuntze. Pinaceae.

A tall evergreen tree native to southern Brazil, sometimes 100 feet high, with large and nearly globular cones. The wood is used in construction work, for turning shipmasts, cabinet work, and for matches.

For previous introduction see 119039.

148999. *COMBRETUM FRUTICOSUM* (Loefl.) Stuntz. Combretaceae.

An ornamental climbing shrub with opposite elliptic leaves and spikes of orange and green flowers. It is native to temperate regions from Argentina to Brazil.

For previous introduction see 42326.

149000. *MIMOSA ACULEATICARPA* Ortega. Mimosaceae.

A shrub over 6 feet high, covered all over with the stout spines, forming an impenetrable hedge that thrives on very dry, poor soils. The small flower heads are pink or white. Native to central and southern Mexico.

For previous introduction see 62095.

149001. VITIS. Vitaceae.**Grape.**

From Brazil. Cuttings presented by H. P. Olmo, Instituto Agronómico, Campinas, through the American Embassy, São Paulo. Received June 29, 1944.

Niagara Rose.

149002 to 149006.

From New South Wales. Seeds presented by A. Machim Hall, Young. Received June 12, 1944.

149002. ACTINOTUS sp. Apiaceae.

Flannel Flower.

149003. EUCALYPTUS NIPHOPHILA Maiden & Blakely. Myrtaceae.

A small crooked shrub or tree up to 30 feet high, usually with smooth white bark. The mature leaves are lanceolate to lanceolate-falcate, thick, leathery, shining, and 1 to 3 inches long. Native to New South Wales and Victoria, where the temperature drops to several degrees below freezing.

For previous introduction see 134073.

149004. EUCALYPTUS TORQUATA Luehm. Myrtaceae.

A tree with lanceolate, oblique, leathery, dull gray-green leaves 4 inches long, and reddish-orange flowers in umbels of seven on a stalk 1 inch long. Native to western Australia.

149005. MELALEUCA sp. Myrtaceae.

A handsome tree.

149006. (Undetermined.)

Mountain Iris; blue-flowered.

149007. CITRUS. Rutaceae.

From Florida. Seeds collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 30, 1944.

From the Plant Introduction Garden, Coconut Grove, June 17, 1944. *Shekwasha*. Possibly a hybrid of *Citrus tachibana*. Grows wild in the Ryukyu (Luchu) Archipelago of Japan, and in Formosa.

149008 and 149009.

From Brazil. Seeds obtained from J. T. Baldwin, Jr., Blandy Experimental Farm, University of Virginia, Boyce, Va. Received June 21, 1944.

149008. ARAUCARIA ARAUCANA (Molina) Koch. Pinaceae.**149009. CARYOCAR sp. Caryocaraceae.**

Pequia.

Collected by Bruce Lamb at Lago Grande, Pará, May 1944.

149010 to 149012.

From Africa. Seeds presented by E. A. Menninger, Stuart, Fla. Received July 5, 1944.

149010. ALBIZZIA ZYGIA (DC.) Macbride. Mimosaceae.**149011. HOLARRHENA WULFSBERGII Stapf. Apocynaceae.**

A tree up to 50 feet high, with shining elliptic-oblong leaves 3 to 5 inches long, and white, fragrant, tubular flowers in dense clusters. Native to western tropical Africa.

149012. NEWBOULDIA LAEVIS Seem. Bignoniaceae.

A slender tree 10 to 40 feet high, with reddish-purple or pink and white foxglove-like flowers about 2 inches long, in an erect raceme-like panicle. Native to western tropical Africa.

149013. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.

From Argentina. Seeds presented by R. and G. Cheminate y Cia., Buenos Aires, through the American Embassy. Received June 27, 1944.

Ornamental gourds.

149014. AVENA SATIVA L. Poaceae. Oats.

From England. Seeds presented by the National Institute of Agricultural Botany, Huntington Road, Cambridge. Received June 27, 1944.

Sandford.

149015 to 149028.

From Africa. Seeds collected by A. T. Semple, Soil Conservation Service, Washington, D. C. Received June 23, 1944.

149015. ACACIA NILOTICA (L.) Willd. Mimosaceae.

From Mozambique.

A large attractive tree, native to tropical Africa, with bipinnate foliage and heads of small white flowers.

For previous introduction see 116635.

149016. ARISTOLOCHIA sp. Aristolochiaceae.

From Tomboco, Angola.

A beautiful flowering vine.

Nos. 149017 to 149019. From Mozambique.

149017. BAUHINIA sp. Caesalpinaceae.**149018. BAUHINIA sp.****149019. BOLUSANTHUS sp. Fabaceae.****149020. CASSIA ABSUS L. Caesalpinaceae.**

From Tibe, Cabinda, Angola. A wild legume.

149021. DACTYLOCTENIUM sp. Poaceae. Grass.

From north of Ambrisetete, northwestern Angola.

149022. DIGITARIA sp. Poaceae. Grass.

From Tomboco, Angola.

149023. DIGITARIA sp.

From north of Ambrisetete, northwestern Angola.

149024. ERAGROSTIS sp. Poaceae. Grass.

From Tomboco, Angola.

Nos. 149025 to 149027. From Tibe, Capinda, Angola.

149025. ERIOSEMA sp. Fabaceae.

A wild legume.

149026. INDIGOFERA sp. Fabaceae.

A wild legume.

149027. SYNSEPALUM DULCIFICUM (Schum.) Daniell. Sapotaceae.

An ornamental tropical African shrub, about 6 feet high, with dark-red fruits that, when eaten, make sour things taste sweet.

149028. TRICHOLAENA DELICATULA Stapf. & C. E. Hubb. Poaceae.

From north of Ambrisetete, northwestern Angola. A perennial grass with slender ascending stems 1 to 2½ feet high, native to western tropical Africa.

149029. BUDDLEIA sp. Loganiaceae.

From Brazil. Cuttings collected by H. P. Olmo, Piracicaba, São Paulo.
Received July 24, 1944.

A vigorous, extremely drought-resistant bush 10 to 15 feet high, with attractive yellow flowers. Probably originally from Madagascar.

149030 and 149031.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received July 15, 1944.

149030. ERAGROSTIS LEHMANNIANA Nees. Poaceae. **Grass.**

The dominant grass in the Kimberley area.

149031. POGONARTHRIA SQUARROSA (Licht.) Pilger. Poaceae. **Grass.**

Abundant after rains.

149032. LILIUM sp. Liliaceae. Lily.

From China. Seeds presented by Dr. Andrew Tse, c/o Clinique Humanitaire, Tung Tze Kai, Kunming, Yunnan.

Red Tiger Lily.

149033. LYCOPERSICON PERUVIANUM var. DENTATUM Dun. Solanaceae.

From Chile. Seeds presented by Dr. C. Muñoz, Departamento de Genética y Fitotecnia, Ministerio de Agricultura, Santiago. Received July 26, 1944.

Collected at Quebrado de Tilopozo, Antofagasta.

149034 to 149039.

From Brazil. Seeds presented by H. P. Olmo, Instituto Agronómico, Campinas, São Paulo. Received July 24, 1944.

149034. ANNONA CHERIMOLA Mill. Annonaceae. **Cherimoya.**

An excellent variety.

149035. ANNONA SQUAMOSA L.

Fruta de conde.

149036 and 149037. ANNONA CHERIMOLA × SQUAMOSA. **Atemoya.**

149036. Common type.

149037. Small-fruited type.

149038. MAYTENUS AQUIFOLIUM Mart. Celastraceae.

From Pocos de Caldas, Minas Geraes.

An evergreen tree, 20 to 25 feet high, with hollylike foliage and small red fruits. Native to Brazil.

149039. ROLLINIA sp. Annonaceae.

149040. RICINUS COMMUNIS L. Euphorbiaceae. **Castor-bean.**

From Mexico. Seeds collected by F. W. Smith, Guasave, Sinaloa. Received July 26, 1944.

Originally from French Indo-China; seeds unusually large.

149041 to 149043. FRAGARIA. Rosaceae. Strawberry.

From Turkistan. Seeds obtained by Hon. Henry A. Wallace, Vice President of the United States. Received July 26, 1944.

From Alma Ata.

149041. *Saksonka.*

149042. *Lunza.*

149043. *Kokh.*

149044. GEONOMA sp. Phoenicaceae.

Palm.

From Costa Rica. Seeds collected by Lt. Claud Hope, c/o Military Attaché, American Embassy, San José. Received July 26, 1944.

149045 and 149046.

From England. Seeds and bulbs presented by Collingwood Ingram, The Grange, Benenden, Kent. Received July 20, 1944.

149045. GLADIOLUS CONCOLOR \times HOMOGLOSSUM WATSONIUM. Iridaceae.

General Smuts. (Bulbs.)

149046. MAHONIA LOMARIIFOLIA Takeda. Berberidaceae.

A spiny-leaved shrub 4 to 8 feet high, with 10 to 20 pairs of ovate to lanceolate, leathery leaflets about $1\frac{1}{2}$ inches long, and racemes of small, bright-yellow flowers. Native to the mountains of Yunnan, China, at altitudes of 8,000 to 12,000 feet. (Seeds.)

149047. CITRUS sp. Rutaceae.

From California. Cuttings presented by M. B. Rounds, Citrus Experiment Station, Riverside. Received July 19, 1944.

Kusai Lime. (Hawaii C.E.S. No. 452.)

149048. LAVATERA sp. Malvaceae.

From Chile. Seeds presented by Miguel Schorver Alonso, Concepcion, through J. L. Colon, Pan American Union. Received July 17, 1944.

Malva gigante; of possible value as a fiber plant.

149049. CITRUS SINENSIS (L.) Osbeck. Rutaceae.

Orange.

From Florida. Cuttings presented by F. E. Gardner, Orlando. Received July 17, 1944.

Summerfield Navel.

149050 and 149051.

From China. Seeds presented by R. G. Johnson, Corvallis, Oreg. Received July 5, 1944.

149050. LILIUM sp. Liliaceae.

White Tiger Lily.

149051. TRIGONELLA RECHINGERI Sirjaev. Fabaceae.

Collected at Pao Mei.

149052 and 149053. (Undetermined.)

From Brazil. Seeds collected by J. T. Baldwin, Jr., Blandy Experimental Farm, Boyce, Va. Received July 6, 1944.

149052. From Belém, Pará, June 25, 1944.

149053. From São Felipe, Rio Negro, March, 1944.

149054. NICOTIANA RUSTICA L. Solanaceae.

Aztec tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 10, 1944.

Brazilia. Grown at Marlboro, Md.

149055 to 149063. CARTHAMUS TINCTORIUS L. Asteraceae.

Safflower.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 10, 1944.

149055 to 149063—Continued149055. *Ahmedrager* No. 1. Indian origin.149056. *Ahmedrager* No. 2. Indian origin.149057. *Kardai*. Indian origin.149058. *Pusa* 2. Indian origin.149059. *Pusa* 7. Indian origin.149060. *Pusa* 25. Indian origin.149061. *Scholapur*. Indian origin.149062. *Simla*. Indian origin.149063. *Special Russian*. Russian origin.**149064 and 149065. PENNISETUM PURPUREUM Schumach.****Poaceae.****Napier grass.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 15, 1944.

149064. From Gainesville, Fla.

149065. Selfed seed of F_1 hybrid between common napier and the short-internode selection 208 (eyespot-resistant). From Tifton, Ga.**149066 to 149096.**

From Pennsylvania. Seeds purchased from the Henry F. Michell Co., Philadelphia. Received July 20, 1944.

149066 to 149070. *ANTIRRHINUM MAJUS* L. Scrophulariaceae. **Snapdragon.**149071. *CALENDULA OFFICINALIS* L. Asteraceae. **Pot marigold.**149072 and 149073. *CAMPANULA MEDIUM* L. Campanulaceae.**Canterbury bells.**149074. *CENTAUREA CYANUS* L. Asteraceae.**Cornflower.**149075. *COREOPSIS* sp. Asteraceae.149076. *COREOPSIS LANCEOLATA* L.Var. *Grandiflora*.149077 and 149078. *CYNOGLOSSUM* sp. Boraginaceae.149079 to 149084. *DELPHINIUM* spp. Ranunculaceae.149085 to 149087. *ESCHSCHOLTZIA CALIFORNICA* Cham. Papaveraceae.**California poppy.**149088 and 149089. *GAILLARDIA* spp. Asteraceae.149090. *GILIA CAPITATA* Sims. Polemoniaceae.

For previous introduction see 148757.

149091. *MIRABILIS JALAPA* L. Nyctaginaceae.**Four-o'clock.**149092. *NIGELLA DAMASCENA* L. Ranunculaceae.**Love-in-a-mist.**149093. *PAPAVER* sp. Papaveraceae.**Poppy.**149094. *PHLOX DRUMMONDII* Hook. Polemoniaceae.149095. *SCABIOSA* sp. Dipsacaceae.149096. *XANTHISMA TEXANUM* DC. Asteraceae.**149097 to 149150.**

From China. Seeds presented to Hon. Henry A. Wallace, Vice President of the United States, by the National Agricultural Research Bureau, Szechwan Province. Received July 27, 1944.

149097 to 149150—Continued

- | | | | |
|-------------------|------------------------------|----------|---------------|
| 149097 to 149104. | ORYZA SATIVA L. | Poaceae. | Rice. |
| 149097. | N.A.R.B. No. 4. | | |
| 149098. | N.A.R.B. White Rice. | | |
| 149099. | N.A.R.B. Land Rice. | | |
| 149100. | Nan Te Special. | | |
| 149101. | Victory Hsien. | | |
| 149102. | Rusty Late. | | |
| 149103. | Chekiang No. 3. | | |
| 149104. | Chekiang No. 9. | | |
| 149105 to 149112. | TRITICUM AESTIVUM L. | Poaceae. | Common wheat. |
| 149105. | (No label.) | | |
| 149106. | National 28. No. 1. | | |
| 149107. | National 62. No. 2. | | |
| 149108. | National 166. No. 3. | | |
| 149109. | National 483. No. 4. | | |
| 149110. | U. N. 2905. No. 5. | | |
| 149111. | U. N. Kaifeng 124. No. 6. | | |
| 149112. | U. N. Tsing-yang 302. No. 7. | | |
| 149113 to 149150. | ZEA MAYS L. | Poaceae. | Corn. |
| 149113. | Red. | | |
| 149114. | White. | | |
| 149115. | Yellow. | | |
| 149116. | J-6-2, Jonyu Early. | | |
| 149117. | J-8-1, Jonyu Early. | | |
| 149118. | J-22-2, Jonyu Early. | | |
| 149119. | S-4-1, Saihung Early. | | |
| 149120. | Sh-8-1, Saihung Early. | | |
| 149121. | Sh-12-5, Saihung Early. | | |
| 149122. | Sh-16-2, Saihung Early. | | |
| 149123. | A-8-2, Anyo Early. | | |
| 149124. | C-1-8, Chengtu Early. | | |
| 149125. | C-2-2, Chengtu Early. | | |
| 149126. | Chengtu Bloody. | | |
| 149127. | Chengtu Golden Yellow. | | |
| 149128. | Chengtu Yellow Dent. | | |
| 149129. | Chuan-ta Dent. | | |
| 149130. | Chuan-ta Early. | | |
| 149131. | Saihung Waxy. | | |
| 149132. | Santai Yellow. | | |
| 149133. | Shuilin Early. | | |
| 149134. | Szefung Yellow. | | |
| 149135. | Wie-chow Yellow. | | |
| 149136. | Inbred designation Ca-42. | | |

149097 to 149150—Continued**149113 to 149150—Continued**149137. *Na-24*.149138. *P-8*.149139. *Ch-28*.149140. *N-48*.149141. *J3-42*.149142. *D-2*.149143. *Li-23*.149144. *Li-26*.149145. *Li-30*.149146. *L5-144*.149147. *Li-68*.149148. *Hybrid No. 13 (Li-30 × Na-24) (Li-26 × P-8)*.149149. *Hybrid No. 18 (D-2 × Je-42) (N-48 × Ch-26)*.149150. *Hybrid 74 (Ca-42 × L5-144) (Li-23 × Li-68)*.**149151 and 149152.**

From California. Seeds collected by Lt. Comdr. S. G. Bedell, Advance Base, Navy 158, c/o F.P.O., San Francisco. Received August 10, 1944.

Collected in the Pacific area.

149151. *ABUTILON* sp. Malvaceae.149152. *SETARIA* sp. Poaceae.

Grass.

A grass 3 feet high, growing in sandy soil in a tropical jungle. The leaves resemble the first leaves of a sprouting palm.

149153 to 149159. GOSSYPIUM. Malvaceae.

Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Beltsville. Received August 11, 1944.

149153. *Acala (Shafter) (P-18-C) 1942*. From California.149154. *Coker 100, Str. 6*. From South Carolina.149155. *Delfos 9252 (1942)*. From Mississippi.149156. *Deltapine 14 (1942)*. From Mississippi.149157. *Express 11384 (Delpress 3) 1942*. From Mississippi.149158. *Sea Island (12-B-2) (1942)*. From Florida.149159. *Wilds, Str. 6*. From South Carolina.**149160 to 149179.**

From Asia. Seeds presented by Hon. Henry A. Wallace, Vice President of the United States. Received July 28, 1944.

149160. *ALLIUM FISTULOSUM* L. Liliaceae.

Welsh onion.

From Lanchow, China.

149161. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

Chinese Giant pepper.

From Lanchow, China.

149162 to 149165. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

From the Soviet Union.

149160 to 149179—Continued

- 149166 to 149171. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 149166. From Lanchow, China.
 149167. From the Soviet Union.
 149168. *N 1442*, from the Soviet Union.
 149169. *D 785*, from the Soviet Union.
 149170. From Lanchow, China.
 149171. *No. (179) D 3876*, from the Soviet Union.
149172. *LACTUCA SATIVA* L. Cichoriaceae. Lettuce.
White Asparagus lettuce, from Lanchow, China.
149173. *MEDICAGO FALCATA* L. Fabaceae.
Transbaicalica. From the Soviet Union.
- 149174 and 149175. *PANICUM MILLIACEUM* L. Poaceae. Millet.
 Nonshattering types, from Novosibirsk Selection Station.
 149174. *Flyavum 0409*.
 149175. *Flyavum 034*.
149176. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
 Turnip-shaped radish. From Lanchow, China.
- 149177 and 149178. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.
White millet. From Lanchow, China.
149179. *VICIA FABA* L. Fabaceae.
 Source unknown.
- 149180 to 149189. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
 From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 8, 1944.
149180. *Biloxi*. From Monetta, S. C.
 149181. *Burnette*. From Monetta, S. C.
 149182. *Charlee*. From Monetta, S. C.
 149183. *Creole*. From Monetta, S. C.
 149184. *Delsoy*. From Mississippi.
 149185. *Georgian*. From Monetta, S. C.
 149186. *Missoy*. From Monetta, S. C.
 149187. *Nanda*. From Monetta, S. C.
 149188. *Seminole*. From Monetta, S. C.
 149189. *Tokyo*. From Monetta, S. C.
- 149190 to 149214. *ORYZA SATIVA* L. Poaceae. Rice.
 From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 10, 1944.
149190. *C-4*. From Beaumont, Tex.
 149191. *C.I. 461*. From Beaumont, Tex.
 149192. *H-32*. From Beaumont, Tex.
 149193. *P.R. 147*. From Beaumont, Tex.

149190 to 149214—Continued

149194. *P.R. 304*. From Beaumont, Tex.
 149195. *P.R. 325*. From Beaumont, Tex.
 149196. *P.R. 358*. From Beaumont, Tex.
 149197. *P.R. 388*. From Beaumont, Tex.
 149198. *P.R. 403*. From Beaumont, Tex.
 149199. *P.R. 416*. From Beaumont, Tex.
 149200. *P.R. 482*. From Beaumont, Tex.
 149201. *R.D. 218*. From Beaumont, Tex.
 149202. *S.D. 144*. From Beaumont, Tex.
 149203. *Arkansas Fortuna*. From Stuttgart, Ark.
 149204. *Caloro*. From Stuttgart, Ark.
 149205. *Carolina Gold*. From Beaumont, Tex.
 149206. *Colusa*. From Stuttgart, Ark.
 149207. *Gopher* (bold). From Beaumont, Tex.
 149208. *Gopher* (long). From Beaumont, Tex.
 149209. *Honduras*. From Beaumont, Tex.
 149210. *Penn Gopher* (bold). From Beaumont, Tex.
 149211. *Penn Gopher* (long). From Beaumont, Tex.
 149212. *Shoemed*. From Stuttgart, Ark.
 149213. *Supreme Blue Rose*. From Stuttgart, Ark.
 149214. *Zenith*. From Stuttgart, Ark.

149215. NICOTIANA RUSTICA L. Solanaceae. Aztec tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 11, 1944.

Grown at Upper Marlboro.

149216 to 149220. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 11, 1944.

149216. *Bonanza* (flue-cured). Grown at Oxford, N. C.
 149217. *Gold Dollar* (flue-cured). Grown at Oxford, N. C.
 149218. *Judy's Pride* (White burley). Grown at Greenville, Tenn.
 149219. *Kentucky No. 16* (White burley). Grown at Greenville, Tenn.
 149220. *Virginia Bright Leaf* (flue-cured). Grown at Oxford, N. C.

149221 to 149226.

From Brazil. Cuttings presented by H. P. Olmo, through the American consul, São Paulo. Received August 23, 1944.

149221. BOUGAINVILLEA sp. Nyctaginaceae.

A small, purple-flowered species from Teresopolis, Rio de Janeiro.

149222 to 149226. VITIS VINIFERA L. Vitaceae. European grape.

149222. *Highland tetraploid*. From Teresopolis, Rio de Janeiro.
 149223. *Isabella*. From Estación Experimental, São Roque, São Paulo.
 149224. *Le Tank*. From Estación Experimental, São Roque.
 149225. *Union Village*. From Estación Experimental, São Roque.
 149226. *Union Village*. From Cinzano Vineyard, São Roque.

149227 to 149244. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 24, 1944.

- 149227. *Aoda*. From Beltsville, Md.
- 149228. *Chief*. From Illinois.
- 149229. *Dunfield*. From Illinois.
- 149230. *Emperor*. From Beltsville, Md.
- 149231. *Gibson*. From Illinois.
- 149232. *Hahto-Mich*. From Beltsville, Md.
- 149233. *Harbinsoy*. From New Jersey.
- 149234. *Higan-B*. From Beltsville, Md.
- 149235. *Illini*. From Illinois.
- 149236. *Imperial*. From Beltsville, Md.
- 149237. *Kanro*. From Beltsville, Md.
- 149238. *Lincoln*. From Illinois.
- 149239. *Mandarin*. From Illinois.
- 149240. *Mandell*. From Illinois.
- 149241. *Mendota*. From Beltsville, Md.
- 149242. *Patoka*. From Illinois.
- 149243. *Richland*. From Illinois.
- 149244. *Scioto*. From Illinois.

149245. PHOENIX DACTYLIFERA L. Phoenicaceae. Date.

From California. Offshoots presented by the United States Date Garden, Indio. Received August 24, 1944.

Medjool.

149246 to 149253.

From Bolivia. Seeds presented by University of Cochabamba, Cochabamba. Received August 11, 1944.

149246 to 149248. AMARANTHUS ASPLUNDII Thell. Amaranthaceae.

- 149246. No. 1-A. *Blanco Iuyu Jatako*. Cochabamba.
- 149247. No. 3-A. *Morado obscuro*. Cochabamba.
- 149248. No. 2-A. *Rosado*. Cochabamba.

149249 to 149253. AMARANTHUS QUITENSIS H.B.K.

- 149249. No. 1. *Blanco*. Cochabamba.
- 149250. No. 1-C. *Blanco*. Cuzco.
- 149251. No. 2. *Morado*. Cochabamba.
- 149252. No. 2-C. *Morado*. Cuzco.
- 149253. No. 3. *Purpura casi negro*. Cochabamba.

149254. CARPODIPTERA AMELIAE Lundell. Tiliaceae.

From Florida. Tree growing at the United States Plant Introduction Garden, Coconut Grove. Numbered August 29, 1944.

A small tree with smooth, greenish-gray bark; oval, long-stalked leaves; and small, fragrant flowers followed by four-winged fruits. Native to San Luis Potosí, Mexico.

149255 and 149256. GOSSYPIUM RELIGIOSUM L. Malvaceae.**Cotton.**

From New Caledonia. Seeds collected by Lamory T. Laumeister, San Francisco, Calif. Received August 29, 1944.

149255. Introduced under the varietal name "caravonica," for which a place of publication has not been found.

149256. Introduced under the varietal name "peruvianum," for which a place of publication has not been found.

149257 and 149258. CITRULLUS VULGARIS L. Schrad. Cucurbitaceae. Watermelon.

From Connecticut. Seeds presented by the Associated Seed Growers, New Haven. Received September 2, 1944.

149257. *Hawkesbury*.

149258. *Klondike R. No. 7*.

149259. CITRULLUS VULGARIS Schrad. Cucurbitaceae.**Watermelon.**

From California. Seeds presented by Glenn N. Davis, Experiment Station, Davis. Received September 2, 1944.

Blue Ribbon.

149260 to 149272. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Tanganyika. Seeds presented by the East African Research Station, Amani. Received September 2, 1944.

149260. *Barbaton 889*.

149267. *Mtutu-B No. 1123*.

149261. *Castle Cary Sel.*

149268. *Meiyunde No. 891*.

149262. *Kiehusa 1127*.

149269. *Samara 38 Sel. 407*.

149263. *Local Mixture 408*.

149270. *Senegal No. 1120*.

149264. *Lubalala No. 892*.

149271. *Standard 1121*.

149265. *Manyema No. 890*.

149272. *V. B. 888*.

149266. *Mtutu-A No. 1122*.

149273 to 149277. AVENA SATIVA L. Poaceae.**Oats.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 4, 1944.

149273. *Bannock*. From Aberdeen, Idaho.

149274. *Latoria*. From Stuttgart, Ark.

149275. *Marion*. From Aberdeen, Idaho.

149276. *Ranger*. From Aberdeen, Idaho.

149277. *Tama*. From Ames, Iowa.

149278 to 149300. GOSSYPIUM. Malvaceae.**Cotton.**

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 7, 1944.

149278. *Acala 111 (Rogers)*. From Texas.

149279. *Acala (Shafter P-18-C)*. From California.

149280. *Cleviewilt, Str. 7*. From South Carolina.

149281. *Coker 100, Str. 6*. From South Carolina.

149282. *Delfos 9252*. From Mississippi.

149278 to 149300—Continued

149283. *Deltapine 14*. From Mississippi.
 149284. *Dixie Triumph*. From South Carolina.
 149285. *Egyptian (SxP)*. From Arizona.
 149286. *Express 6637*. From Mississippi.
 149287. *Express 11384*. From Mississippi.
 149288. *Mebane (Triumph)*. From Texas.
 149289. *Mebane*. From Texas.
 149290. *Nucala*. From Texas.
 149291. *Oklahoma Triumph 44*. From Oklahoma.
 149292. *Rhyne' Cook*. From Alabama.
 149293. *Rowden, B 6*. From Arkansas.
 149294. *Rowden, 42a*. From Arkansas.
 149295. *Rowden 2088*. From Arkansas.
 149296. *Sea Island 12-B-2*. From Florida.
 149297. *Stoneville 2B (8275)*. From Mississippi.
 149298. *Stoneville 2C (7303)*. From Mississippi.
 149299. *Wilds, Str. 16*. From South Carolina.
 149300. *Young's Acala*. From New Mexico.

149301. GOSSYPIUM. Malvaceae.

Cotton.

From China. Seeds obtained from Earl E. Berkley, Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received September 7, 1944.
 Originally from Kansu Province.

149302 and 149303.

From Argentina. Seeds collected by L. R. Parodi, Buenos Aires. Received August 14, 1944.

149302. *PACHYRHIZUS AHIPA* (Weddell) Parodi. Fabaceae.

149303. *PASPALUM NOTATUM* Fluegge. Poaceae.

Bahia grass.

149304. CROTALARIA sp. Fabaceae.

From San Francisco. Seeds collected by Lt. Col. Nelson McKaig, Jr., CWS, Chemical Officer, Division Headquarters, 25th Infantry, APO No. 25. Received September 2, 1944.

Collected in New Caledonia.

149305. CEPHALOCEREUS POLYLOPHUS (DC.) Britt. & Rose.
Cactaceae.

From Cuba. Seeds presented by the Harvard Botanical Garden, Soledad, Cienfuegos. Received September 2, 1944.

149306 to 149311. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 8, 1944.

149306. *Bonanza* (flue-cured). Grown at Florence, S. C.

149307. *Connecticut Broadleaf* (cigar type). Grown at Beltsville, Md.

149308. *Judy's Pride* (White burley). Grown at Greenville, Tenn.

149309. *Kentucky No. 16* (White burley). Grown at Greenville, Tenn.

149306 to 149311—Continued

149310. *Maryland Medium Broadleaf*. Grown at Upper Marlboro, Md.

149311. *Yellow Mammoth* (flue-cured). Grown at Florence, S. C.

149312. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 31, 1944.

Dixigem.

149313 and 149314. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maine. Cuttings presented by Herbert L. Palmer, Pittsfield. Received September 11, 1944.

149313. Budwood from a tree growing on a farm near Monroe.

149314. From a tree on Watson's Buena Vista Fruit Farm, Monroe.

149315. CASSIA RENIGERA Wall. Caesalpinaceae.

From Cuba. Seeds presented by the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received August 25, 1944.

A tropical tree with compound leaves 1 foot long; the 30 to 40 obtuse leaflets, 1½ inches long, are leathery and finely hairy beneath. The small reddish flowers are in short dense racemes, and the cylindrical pod is a foot in length. Native to northern Burma.

For previous introduction see 123170.

149316. NICOTIANA RUSTICA L. Solanaceae. Aztec tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 11, 1944.

Grown in Upper Marlboro.

149317 to 149319.

From California. Seeds collected by Lt. Comdr. Sullivan G. Bedell, Advance Base, Navy 158, c/o Fleet P.O., San Francisco. Received August 14, 1944.

149317. ARECA sp. Phoenixaceae. Palm.

No. 10. A small palm with a slender trunk and bright-red fruits.

149318. CARYOTA sp. Phoenixaceae. Palm.**149319. CARYOTA sp.**

No. 9. A large stately palm, the leaves of which resemble gigantic parsley leaves. The seeds are small and black.

149320. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From New York. Seeds presented by Dr. H. M. Munger, Agricultural Experiment Station, Cornell University, Ithaca. Received September 13, 1944.

Iroquois.

149321. CITRUS. Rutaceae.

From Texas. Cuttings presented by W. H. Friend, Lower Rio Grande Valley Experiment Station, Weslaco. Received September 13, 1944.

Mexican Thornless Lime.

149322. CROTALARIA sp. Fabaceae.

From California. Seeds collected by Lt. Col. Anselm M. Keefe, Chaplain, 135th Med. Regt., APO 322, Unit 1, c/o PM, San Francisco. Received September 5, 1944.

A plant 6 to 8 feet tall, with panicles of sulfur-yellow flowers.

149323 to 149334. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From California. Seeds presented by T. W. Whitaker, Division of Fruit and Vegetable Crops and Diseases, United States Horticultural Station, La Jolla (Torrey Pines). Received September 14, 1944.

Powdery-mildew-resistant strains.

149323. No. 5. 149329. No. 31739.

149324. No. 45. 149330. No. 31751.

149325. No. 31417. 149331. No. 31788.

149326. No. 31450. 149332. No. 31794.

149327. No. 31722. 149333. No. 32120.

149328. No. 31733. 149334. No. 32214.

149335. EREMOCITRUS GLAUCA × CITRUS LIMON. Rutaceae.

From California. Seeds obtained through W. T. Swingle, from the United States Experimental Date Garden, Indio. Received September 14, 1944.

Eremolemon. A rootstock resistant to boron and salt.

149336. CEDRUS BREVIFOLIA (Hook. f.) Henry. Pinaceae.

From Cyprus. Seeds presented by Mrs. George D. White, Skouriotissa, Nicosia. Received September 4, 1944.

149337 to 149349.

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Canberra City. Received September 2, 1944.

149337. *ALYSICARPUS BUPLEURIFOLIUS* (L.) DC. Fabaceae.

CPI No. 2675.

149338. *ALYSICARPUS VAGINALIS* (L.) DC.

CPI No. 2676.

149339. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae.

CPI No. 8537.

149340. *BRASSICA* sp.

CPI No. 8538.

149341. *BRASSICA NAPUS* var. *DICHOTOMA* (Roxb.) Prain.

CPI No. 8536.

149342. *CROTALARIA GOREENSIS* Guill. & Perr. Fabaceae.

CPI No. 1251.

149343. *DOLICHOS LABLAB* L. Fabaceae.

CPI No. 5673.

149344 to 149346. *PENNISETUM GLAUCUM* (L.) R. Br. Poaceae.

Pearl millet.

149344. *CPI* No. 2311, origin Nigeria.

149345. *CPI* No. 8436, origin India.

149346. *CPI* No. 8443, origin Ceylon.

149337 to 149349—Continued

149347 and 149348. PHASEOLUS CALCARATUS Roxb. Fabaceae.

149347. *CPI No. 2778.*

149348. *CPI No. 2779.*

149349. UROCHLOA sp. Poaceae.

Grass.

CPI No. 8683.

149350 to 149352.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 18, 1944.

149350. BUCHLOE DACTYLOIDES (Nutt.) Engelm. Poaceae. Buffalo grass.

149351. LESPEDEZA STIPULACEA Maxim. Fabaceae. Bushclover.

149352. TRIFOLIUM REPENS L. Fabaceae. White clover.

149353. KNIPHOFIA. Liliaceae.

Torchlily.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered September 21, 1944.

Originally from Thompson & Morgan, Ipswich, England.

Amato.

149354 and 149355. CITRUS. Rutaceae.

From California. Seeds collected by W. T. Swingle at the Citrus Experiment Station, Riverside. Received August 21, 1944.

149354. *Citrus grandis* × *C. limon*. (Chinese Pummelo × Meyer lemon.)
Lemelo.

149355. (*Citrus grandis* × *C. limon*?)
Cuban Shaddock.

149356 to 149363. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

From Iowa. Seeds presented by the Agricultural Experiment Station, Division of Horticulture, Iowa State College, Ames. Received September 22, 1944.

149356. *Dixie Hybrid.*

149357. *Hawkesbury.*

149358. *Iowa Belle.*

149359. *Iowa King.*

149360. *Kleckley Sweet No. 6.*

149361. *Klondike Striped Blue Ribbon.*

149362. *Pride of Muscatine.*

149363. *Stone Mountain No. 5.*

149364. GARCIA NUTANS Vahl. Euphorbiaceae.

From Venezuela. Seeds presented by J. H. Kempton, American Embassy, Caracas. Received August 22, 1944.

Collected 40 km. south of Acarigua, in the State of Portuguesa.

For previous introduction see 147709.

149365 to 149377. SECALE CEREALE L. Poaceae.**Rye.**

From Canada. Seeds presented by the Central Experimental Farm, Canada.
Received September 14, 1944.

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|---------------------------------|-------------------------------|
| 149365. <i>Advance.</i> | 149372. <i>Imperial.</i> |
| 149366. <i>Balbo.</i> | 149373. <i>Midsummer.</i> |
| 149367. <i>Cornell No. 45.</i> | 149374. <i>Prussian.</i> |
| 149368. <i>Crown.</i> | 149375. <i>Rosen.</i> |
| 149369. <i>Crown Ott. 115.</i> | 149376. <i>Russian.</i> |
| 149370. <i>Dakota Sask. 23.</i> | 149377. <i>White Russian.</i> |
| 149371. <i>Horton.</i> | |

149378. GARCIA NUTANS Vahl. Euphorbiaceae.

From Puerto Rico. Seeds presented by the Puerto Rico Agricultural Experiment Station, Mayaguez. Received August 21, 1944.

For previous introduction see 149364.

149379 to 149381. MUSA TEXTILIS Nee. Musaceae. Abacá.

From Honduras. Seeds presented by J. H. Perman, La Lima. Received September 16, 1944.

149379. *Buagulanon.*
149380. *Libuton.*
149381. *Tangongon.*

149382 to 149396.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 26, 1944.

149382 and 149383. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

149382. *F.C. 30576.* From Oklahoma.

149383. *F.C. 30607.* From Kansas.

149384. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.

F.C. 22719.

149385. MELILOTUS INDICA (L.) All. Sweetclover.

F.C. 22871.

149386. MELILOTUS OFFICINALIS (L.) Lam. Yellow sweetclover.

F.C. 22694.

149387. TRIFOLIUM DUBIUM Sibth. Fabaceae. Clover.

F.C. 22524.

149388. TRIFOLIUM PRATENSE L. Red clover.

F.C. 22907.

149389. TRIFOLIUM REPENS L. White clover.

F.C. 22794.

149390. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. Crested wheatgrass.

F.C. 22755.

149391. AGROPYRON PAUCIFLORUM (Schwein.) Hitchc. Slender wheatgrass.

F.C. 22697.

149392. AGROPYRON SMITHII Rydb. Western wheatgrass.

F.C. 22856.

149382 to 149396—Continued

149393. *BOUTELOUA GRACILIS* (H.B.K.) Lag. Poaceae. Blue grama grass.
F.C. 22733.

149394 and 149395. *BROMUS INERMIS* Leyss. Poaceae.
Smooth brome grass.

149394. F.C. 22858.

149395. B-in-5.

149396. *FESTUCA OVINA* L. Poaceae. Sheep fescue.
F.C. 22844.

149397. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 27, 1944.

FV-4-155.

149398 to 149400.

From Mexico. Seeds collected by Raymond W. Schulz, Cuernavaca, Morelos. Received September 5, 1944.

149398. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

149399. *SOLANDRA GUTTATA* D. Don. Solanaceae.

A climber about 20 feet high, with pubescent leaves 6 inches long; fragrant, yellowish, tubular flowers; and round, yellow, berrylike fruits the size of guavas.

149400. *SOLANUM MACRANTHUM* Dunal. Solanaceae.

A rapidly growing tree with large, dark-green, spiny leaves and a great profusion of large blue-violet flowers that change color from day to day, becoming pale blue and later fading to white.

For previous introduction see 117708.

149401 to 149403. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.
Watermelon.

From Florida. Seeds presented by the Watermelon and Grape Investigations Laboratory, Leesburg. Received September 30, 1944.

149401. Blacklee. 1944.

149402. Brownlee. 1944.

149403. Leesburg. 1944.

149404. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.

From California. Seeds presented by B. A. Madson, Division of Agronomy, University of California Experiment Station, Davis. Received September 30, 1944.

149405 to 149418.

From Argentina. Seeds collected by Carlos A. Vallejo, La Rioja. Received September 4, 1944.

149405. *ACACIA VISCO* Griseb. Mimosaceae.

Arco; visco. A tree, native to northern Argentina, commonly unarmed, but occasionally with recurved thorns. The leaves consist of three to six pairs of pinnae, and the flowers are sessile. The walnut-colored hardwood is striped and much appreciated for moisture resistance.

For previous introduction see 94764.

149405 to 149418—Continued

149406. *ARAUCARIA ANGUSTIFOLIA* (Bertol.) Kuntze. Pinaceae.

No. 6. *Pino Parana*. A tall evergreen tree native in southern Brazil, sometimes 100 feet high, with large and nearly globular cones. The wood is used in construction work, for turning ship masts, cabinet work, and for matches.

149407. *ASPIDOSPERMA QUEBRACHO-BLANCO* Schlecht. Apocynaceae.

No. 19. A graceful tree up to 75 feet high with alternate, mostly entire leaves and small yellowish flowers followed by flat woody pods containing thin, circular, winged seeds nearly 3 inches across. It is native to Argentina.

For previous introduction see 88208.

149408. *CAESALPINIA MELANOCARPA* Griseb. Caesalpinaceae.

No. 14. A shrub or small tree with oblong to orbicular leaflets up to 1 inch long and large racemes of rather large yellow flowers that are borne throughout the year. Native to Mexico.

For previous introduction see 133843.

149409. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 17. A very pungent variety.

For previous introduction see 148635.

149410. *CERCIDIUM PRAECOX* (Ruiz & Pav.) Harms. Caesalpinaceae.

No. 12. *Brea*. A spiny shrub or small tree about 25 feet high with pale-green bark, ascending branches, bipinnate leaves, and small, yellow flowers. It grows in semidesert lands among cacti and spiny shrubs. Native to northwestern South America.

For previous introduction see 124625.

149411. *GLEDITSIA AMORPHOIDES* (Griseb.) Taub. Caesalpinaceae.

No. 8. *Espina corona*. A spiny tree, native to Bolivia, with pinnate leaves and greenish flowers, sometimes reaches a height of 50 feet with a trunk diameter of more than 2 feet. The hard, tough, durable wood is used locally for construction.

For previous introduction see 104161.

149412. *GOURLIEA DECORTICANS* Hook. Fabaceae.

No. 21. *Chanar*. A large shrub or small tree, native to Argentina, with small, yellow flowers and fleshy, edible pods.

For previous introduction see 33970.

149413. *MIMOSA PIGRA* L. Mimosaceae.

No. 20-A. An erect thorny shrub 3 to 6 feet high, with bipinnate leaves made up of linear leaflets less than one-fourth of an inch long, and heads of small, pink flowers. It is native to Mexico and is also found in tropical America and Africa.

For previous introduction see 94777.

149414. *MORRENIA ODORATA* (Hook. & Arn.) Lindl. Asclepiadaceae.

No. 20. *Doca*. A twining vine with hastate leaves and greenish, sweet-smelling flowers, found in the vicinity of Buenos Aires in Argentina.

For previous introduction see 144252.

149415. *PITHECOCTENIUM CYNANCHOIDES* DC. Bignoniaceae.

No. 18. *Guitarrita*. A woody vine climbing by tendrils on the leaves. The large, pure-white, trumpetlike flowers are borne in terminal pairs, usually throughout the year. Native to Argentina.

For previous introduction see 128302

149405 to 149418—Continued

149416. *TABEBUIA* sp. Bignoniaceae.No. 5. *Lapacho*.149417. *TABEBUIA AVELLANEDAE* Griseb.

No. 5-A. *Lapacho*. A large handsome tree with 5-parted leaves about 4 inches across, and very numerous rosy-lilac flowers more than an inch wide near the ends of the branches. Native to northern Argentina and Paraguay.

149418. *ZIZIPHUS MISTOL* Griseb. Rhamnaceae.

No. 11. *Mistol*. A spiny tree, native to Argentina, up to 30 feet in height, with oval, leathery, short-stemmed leaves about an inch long, and edible, black fruits about one-third inch in diameter. The hard, red wood is not used commercially.

149419 to 149422. *DERRIS ELLIPTICA* (Roxb.) Benth. Fabaceae.

From Puerto Rico. Cuttings presented by the Puerto Rico Agricultural Experiment Station, Mayagüez. Numbered October 2, 1944.

149419. *Puerto Rico Clone No. 25-35*.149420. *Puerto Rico Clone No. 76-14*.149421. *Puerto Rico Clone No. 107-15*.149422. *Puerto Rico Clone No. 122-9*.149423 and 149424. *CHRYSANTHEMUM CINERARIAEFOLIUM* (Trevir.) Vis. Asteraceae.

From Kenya. Seeds presented by the Director, Department of Agriculture, Nairobi. Received September 5, 1944.

149423. A low-altitude type.

149424. Ordinary type.

149425. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. Orange.

From Florida. Cuttings presented by T. Ralph Robinson, Orlando. Received August 2, 1938. Numbered September 1944.

Lu Gim Gong Orange.

149426 to 149431.

From Florida. Cuttings presented by E. M. Savage, Fruit and Vegetable Crops and Diseases, Eustis. Received September 10, 1935. Numbered September 1944.

149426 to 149428. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. Orange.149426. *C.P.B. 295. Lamb's Summer Orange*.149427. *C.P.B. 300. Navel Orange*.149428. *C.P.B. 303. Navel Orange*.149429. *CITRUS RETICULATA* × *PARADISI**C.P.B. 304. Williams Tangelo*.149430 and 149431. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. Orange.149430. *C.P.B. 294. Sunshine*.149431. *C.P.B. 297. Wekiwa*.149432 to 149434. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. Orange.

From Washington, D. C. Cuttings obtained from the greenhouses of the

149432 to 149434—Continued

Department of Agriculture. Received September 7, 1938. Numbered September 1944.

149432. *Hamlin*.

149433. *Parson Brown*.

149434. *Pineapple*.

149435 and 149436. CITRUS SINENSIS (L.) Osbeck. Rutaceae.**Orange.**

From Florida. Cuttings presented by F. E. Gardner, United States Horticultural Field Laboratory, Orlando. Received September 20, 1940. Numbered September 1944.

149435. *Conner's Seedless*.

149436. *Enterprise Seedless*.

149437. CITRUS SINENSIS (L.) Osbeck. Rutaceae.**Orange.**

From Florida. Cuttings presented by T. Ralph Robinson, Orlando. Received September 24, 1938. Numbered September 1944.

Valencia.

149438. CITRUS SINENSIS (L.) Osbeck. Rutaceae.**Orange.**

From Florida. Cuttings presented by the Citrus Experiment Station, Eustis. Received December 25, 1935. Numbered September 1944.

Surprise Navel.

149439 to 149444.

From Florida. Cuttings presented by E. M. Savage, Eustis. Received July 24, 1935. Numbered September, 1944.

148439 to 149442. CITRUS SINENSIS (L.) Osbeck. Rutaceae.**Orange.**

149439. *Navel No. 45577. Q 244.*

149440. *Navel No. 45191. Q 241.*

149441. *Navel No. 45919. Q 246.*

149442. *Clement. Q 238.*

149443. CITRUS RETICULATA × PARADISI. Rutaceae.**Tangelo.**

S.E. Minole (Seminole) Q 233.

149444. CITRUS SINENSIS (L.) Osbeck.**Orange.**

Yalaha. Q 237.

149445 to 149447. CITRUS LIMON (L.) Burm. f. Rutaceae.**Lemon.**

From California. Cuttings presented by the Citrus Experiment Station, Riverside. Received November 4, 1931. Numbered September 1944.

149445. *Eureka*.

149446. *Lisbon*.

149447. *Villa France*.

149448 to 149453.

From Florida. Cuttings presented by H. P. Traub, Orlando. Received November 12, 1935. Numbered September 1944.

149448 to 149450. CITRUS RETICULATA × PARADISI. Rutaceae.**Tangelo.**

149448. *Minneola No. 52018-0-4.*

149449. *Orlando No. 52018-G-26.*

149450. *Umatilla No. 52031-B-2.*

149448 to 149453—Continued

149451. CITRUS LIMON (L.) Burm. f. Rutaceae. **Lemon.**
Perrine No. 48848.
149452. CITRUS PARADISI Macfad. **Grapefruit.**
Davis No. 11634a.
149453. CITRUS NOBILIS var. UNSHIU × FORTUNELLA sp. **Orangequat.**
Nippon No. 49956.

149454 to 149459. CITRUS PARADISI Macfad. Rutaceae.
Grapefruit.

From Florida. Scions presented by E. M. Savage, Citrus Experiment Station, Eustis. Received February 5, 1938. Numbered September 1944.

149454. *Thompson.* 149457. *Royal.*
 149455. *Triumph.* 149458. *Sunshine.*
 149456. *Redblush.* 149459. *Thompson.*

149460 to 149462. CITRUS AURANTIFOLIA (Christm.) Swingle.
Rutaceae. Lime.

From Florida. Cuttings presented by T. R. Robinson, Orlando. Received August 2, 1938. Numbered September 1944.

149460. *Lakeland.*
 149461. *Tahiti.*
 149462. *Key.*

149463 to 149466.

From Florida. Scions presented by H. P. Traub, Orlando. Received June 13, 1938. Numbered September 1944.

149463. CITRUS NOBILIS var. UNSHIU Swingle. Rutaceae.
Silverhill Satsuma.
- 149464 and 149465. CITRUS RETICULATA × PARADISI.
 149464. *Altoona Tangelo.*
 149465. *Pearl Tangelo.*
149466. CITRUS SINENSIS (L.) Osbeck. **Orange.**
Warnuco.

149467. (Undetermined.)

From California. Seeds presented by Lt. Comdr. S. G. Bedell (M.C.), USNR, NAB Navy, 158, F.P.O., San Francisco. Received September 16, 1944.

Collected in the Pacific area by William J. Sidam, St. James, Minn.

149468 to 149471.

From California. Seeds presented by Lt. Comdr. S. G. Bedell (M.C.), USNR, NAB Navy, 158, F.P.O., San Francisco. Received September 19, 1944.

Collected in the Pacific area.

149468. ARISTOLOCHIA sp. Aristolochiaceae.
 149469. CASUARINA sp. Casuarinaceae.
 149470. PTYCHOSPERMA sp. Phoenicaceae. **Palm.**
 149471. TRICHOSANTHES sp. Cucurbitaceae.

149472 to 149477.

From California. Spores presented by Lt. Comdr. S. G. Bedell, Advance Base, Navy 158, Division 4, F.P.O., San Francisco. Received September 28, 1944.

Collected in the Pacific area.

149472. TECTARIA sp. Polypodiaceae.

Large jungle fern.

149473. ASPLENIUM sp. Polypodiaceae.

Jungle fern.

149474. ELAPHOGLOSSUM sp. Polypodiaceae.

Small thick-leaved fern.

149475. NEPHROLEPIS sp. Polypodiaceae.

Jungle fern.

149476. ASPLENIUM sp.

Climbing fern with delicate leaf.

149477. POLYPODIUM sp. Polypodiaceae.

Large-leaved jungle fern.

149478. PHORMIUM TENAX Forst. Liliaceae. **New Zealand flax.**

From New Zealand. Seeds presented by the Botanic Gardens, Christchurch. Received September 26, 1944.

149479 and 149480.

From Ecuador. Seeds presented by Lt. Comdr. Jean L. Caillouet, Jr., USNR, Guayaquil. Received September 28, 1944.

149479. BOMBAX sp. Bombacaceae.

Chirigua.

149480. COCHLOSPERMUM sp. Cochlospermaceae.

Bototillo.

149481 and 149482.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered November 15, 1944.

149481. CRYPTOSTEGIA. Asclepiadaceae.

F₁ hybrid.

149482. CRYPTOSTEGIA GRANDIFLORA R. Br.

From Nassau, British West Indies.

149483. CITRUS. Rutaceae.

From Florida. Seeds presented by D. J. Nicholson, Orlando. Received November 9, 1944.

Scarlet Lime (Merritt).

149484 to 149491.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 19, 1944.

149484 and 149485. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

149484. *Logan.*

149485. *U.S. No. 5.*

149486. PISUM SATIVUM L. Fabaceae.

Pea.

Wando.

149484 to 149491—Continued

149487 to 149489. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

149487. *Break O'Day*.

149488. *Glovel*.

149489. *Pritchard*.

149490. *LYCOPERSICON HIRSUTUM* Humb. & Bonpl.

149491. *LYCOPERSICON PERUVIANUM* (L.) Mill.

149492. RHEUM RIBES L. Polygonaceae.

From Iran. Seeds presented by Capt. John S. Daniel, Jr., AGD, Postal Officer, Tehran. Received October 28, 1944.

149493. ZIZIPHORA TENUIOR L. Menthaceae.

From Iran. Seeds collected by Capt. John S. Daniel, Jr., Postal Officer, Tehran. Received October 28, 1944.

149494. PHELLODENDRON LAVALLEI Dode. Rutaceae.

From New York. Seeds collected by Walter T. Swingle, Bronx Park. Received November 2, 1944.

Collected from a tree in the grounds of the New York Botanical Garden.

149495. RUBUS MACROCARPUS Benth. Rosaceae.

From Colombia. Seeds presented by H. V. Geib, Agricultural Adviser, American Embassy, Bogotá. Received October 23, 1944.

Mora (Giant blackberry).

149496. SORGHUM VULGARE Pers. Poaceae.

From Oklahoma. Seeds presented by J. B. Sieglinger, Oklahoma Agricultural Experiment Station, Stillwater. Received October 30, 1944.

Sumac Sorgo, F.C.I. No. 1712.

149497. ELAEOCARPUS SPHAERICUS (Gaertn.) Schum. Elaeocarpaceae.

From California. Seeds collected by Lt. Comdr. S. G. Bedell, Navy 158, Advance Base, F.P.O., San Francisco. Received October 12, 1944.

Probably from the Pacific area. A handsome tree with deeply fluted trunk. The bright-blue berries attract birds.

149498. FRAGARIA. Rosaceae.

Strawberry.

From Maryland. Plants obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 28, 1944.

No. 3203 (*Aberdeen* × 2629) (*Catskill* × *Fairfax*).

149499. CHLORIS GAYANA Kunth. Poaceae.

Rhodes grass.

From California. Seeds presented by the Germain Seed and Plant Co., Los Angeles. Received October 27, 1944.

149500 to 149510. SACCHARUM. Poaceae.

Sugarcane.

From Florida. Cuttings presented by the United States Sugarcane Station, Canal Point. Received October 9, 1944.

149500. *C.P. 29/103*.

149503. *C.P. 34/54*.

149501. *C.P. 29/120*.

149504. *C.P. 34/79*.

149502. *C.P. 29/1*

149505. *C.P. 34/120*.

149500 to 149510—Continued149506. *C.P. 33/243.*149509. *C.P. 36/191.*149507. *C.P. 33/372.*149510. *C.P. 42/24.*149508. *C.P. 33/409.***149511 to 149514. PERSEA AMERICANA Mill. Lauraceae. Avocado.**

From Florida. Scions presented by the United States Plant Introduction Garden, Coconut Grove. Received April 18, 1944. Numbered October 1944.

149511. *Booth No. 1.*149513. *Linda.*149512. *Booth No. 8.*149514. *Peterson.***149515 and 149516.**

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 9, 1944.

149515. *NICOTIANA RUSTICA L. Solanaceae.***Aztec tobacco.**149516. *NICOTIANA sp.***149517 and 149518. AGROSTIS PALUSTRIS Huds. Poaceae. Grass.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 9, 1944.

149517. *Creeping Bent.*149518. *Seaside Bent.***149519 to 149521. HUMULUS LUPULUS L. Moraceae. Common hop.**

From Oregon. Plants presented by G. R. Hoerner, Agricultural Experiment Station, Corvallis. Received October 9, 1944.

149519. *Fuggles.*149520. *Early Cluster.*149521. *Late Cluster.***149522. BUCHLOE DACTYLOIDES (Nutt.) Engelm. Poaceae. Grass**

From Texas. Seeds presented by H. O. Hill, Agricultural Experiment Station, Temple. Received October 10, 1944.

*Buffalo.***149523. SACCHARUM. Poaceae.****Sugarcane.**

From Hawaii. Cuttings presented by the Experiment Station, Hawaiian Sugar Planters' Association, Honolulu. Received October 12, 1944.

*Hawaii 32-8560.***149524 to 149534.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 12, 1944.

149524. *ALYSICARPUS VAGINALIS (L.) DC. Fabaceae.***Alyceclover.**

From Florida.

149525. *CASSIA TORA L. Caesalpiniaceae.*

From Florida.

149526. *CROTALARIA INCANA L. Fabaceae.*

From North Carolina.

149524 to 149534—Continued149527. *INDIGOFERA HIRSUTA* L. Fabaceae.

From Florida.

149528. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.

From Maryland.

149529 and 149530. *LESPEDEZA STRIATA* (Thunb.) H. & A.

149529. From North Carolina.

149530. From Louisiana.

149531. *MELILOTUS ALBA* Desr. Fabaceae.

White sweetclover.

From Iowa.

149532. *MELILOTUS INDICA* (L.) All.

Sweetclover.

From Louisiana.

149533. *SESBANIA MACROCARPA* Rafin. Fabaceae.

From Colorado.

149534. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

149535 and 149536. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.

From Australia. Tubers presented by A. C. Foster, Australian Potato Committee, Sydney, New South Wales. Received October 12, 1944.

149535. *Brownell*.149536. *Hobart Pink-Eye*. (Yellow-fleshed.)**149537. *SACCHARUM*. Poaceae.**

Sugarcane.

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane. Received October 19, 1944.

Q-42.

149538 to 149547. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 20, 1944.

149538. *Aoda*. Grown at Beltsville, Md.149539. *Emperor*. Grown at Beltsville, Md.149540. *Hahto-1*. Grown at Beltsville, Md.149541. *Hahto-20*. Grown at Beltsville, Md.149542. *Higan-B*. Grown at Beltsville, Md.149543. *Imperial*. Grown at Beltsville, Md.149544. *Mendota*. Grown in Nebraska.149545. *Nanda*. Grown at Monetta, S. C.149546. *Seminole*. Grown at Monetta, S. C.149547. *Tokyo*. Grown at Monetta, S. C.**149548 and 149549. *CEIBA PENTANDRA* (L.) Gaertn. Bombacaceae. Kapok.**

From Mexico. Seeds presented by Felix M. Vaquez, Talapa, Tehuantepec, Oaxaca. Received October 2, 1944.

149548. No. 1.

149549. No. 2.

149550 to 149560. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 23, 1944.

- 149550. *Aoda*. Grown at Beltsville, Md.
- 149551. *Biloxi*. Grown at Monetta, S. C.
- 149552. *Cherokee*. Grown at Monetta, S. C.
- 149553. *Creole*. Grown at Monetta, S. C.
- 149554. *Delsoy*. Grown in Mississippi.
- 149555. *Hahto-1*. Grown at Beltsville, Md.
- 149556. *Nanda*. Grown at Monetta, S. C.
- 149557. *Rokusun*. Grown at Beltsville, Md.
- 149558. *Seminole*. Grown at Monetta, S. C.
- 149559. *Tokyo*. Grown at Monetta, S. C.
- 149560. *Willomi*. Grown at Beltsville, Md.

149561 to 149568.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 23, 1944.

- 149561. *LESPEDEZA HEDYSAROIDES* (Pallas) Ricker. Fabaceae.
F.C. 22921.
- 149562. *MELILOTUS ALBA* Desc. Fabaceae. White sweetclover.
F.C. 22939.
- 149563 and 149564. *PASPALUM NOTATUM* Fluegge. Poaceae. Bahia grass.
- 149563. *No. 3*. From Tifton, Ga.
- 149564. *No. 4*. From Tifton, Ga.
- 149565. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.
Korean strain.
- 149566 to 149568. *TRIFOLIUM REPENS* L. Fabaceae. White clover.
- 149566. *Ladino*. From Beltsville, Md.
- 149567. *Ladino White*. From Beltsville, Md.
- 149568. *Persian*. From Beltsville, Md.

149569 to 149597. SOLANUM TUBEROSUM L. Poaceae. Potato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 24, 1944.

- 149569. *American Giant* \times 96-28.
- 149570. *British Queen* \times 247-24.
- 149571. *Earlaine No. 2* \times 247-48.
- 149572. *Houma* \times 96-56.
- 149573. *Katahdin* \times B 44-14.
- 149574. *Katahdin* \times B 76-7.
- 149575. *Katahdin* \times B 76-49.
- 149576. *Katahdin* \times 247-42.

149569 to 149597—Continued

149577. *Katahdin* × 247-48.
 149578. *Katahdin* × 47102.
 149579. *Mohawk* × *Katahdin*.
 149580. *Mohawk* × 247-30.
 149581. *Mohawk* × 247-42.
 149582. *Mohawk* × 403-5.
 149583. *President* × 96-56.
 149584. *Russett Rural* × 247-24.
 149585. *Russett Rural* × 46952.
 149586. *Sebago* × *Katahdin*.
 149587. *Sebago* × 96-56.
 149588. *Sequoia* × 247-30.
 149589. *Wisconsin Pride* × 247-42.
 149590. *White Rose* × 96-28.
 149591. *B* 24-114-A-16 × *Katahdin*.
 149592. *B* 70-5 × *B* 24-76.
 149593. *B* 76-43 × *Katahdin*.
 149594. 96-56 × *Katahdin*.
 149595. 1276-185 × *Katahdin*.
 149596. 1034-d × *Richters' Jubel*.
 149597. 336-18 × 46952.

149598 to 149606.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 24, 1944.

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| 149598. ANETHUM GRAVEOLENS L. | Apiaceae. | Dill. |
| 149599. ATROPA BELLADONNA L. | Solanaceae. | Belladonna. |
| 149600. CARUM CARVI L. | Apiaceae. | Caraway. |
| 149601. FOENICULUM VULGARE Mill. | Apiaceae. | Fennel. |
| 149602. LAVANDULA SPICA L. | Apiaceae. | True lavender. |
| 149603. OCIMUM BASILICUM L. | Menthaceae. | Sweet basil. |
| 149604. ORIGANUM VULGARE L. | Menthaceae. | Wild marjoram. |
| 149605. PIMPINELLA ANISUM L. | Apiaceae. | Anise. |
| 149606. SALVIA OFFICINALIS L. | Menthaceae. | Sage. |

149607 to 149614.

From Pennsylvania. Seeds purchased from W. Atlee Burpee, Philadelphia. Received October 24, 1944.

149607. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
Imperial 45.
 149608 to 149614. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.
 149608. *Yankee Hybrid*.
 149609. *Connecticut Straight Neck*.
 149610. *Golden*.

149607 to 149614—Continued**149608 to 149614—Continued**149611. *True Hubbard.*149612. *Warted Hubbard.*149613. *Blue Hubbard.*149614. *Red Hubbard.***149615 to 149626.**

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 25, 1944.

149615. *ALTHAEA OFFICINALIS* L. Malvaceae. Marshmallow.149616. *ATROPA BELLADONNA* L. Solanaceae. Belladonna.149617. *CHRYSANTHEMUM CINERARIAEFOLIUM* (Trevir.) Vis. Asteraceae.149618. *DATURA STRAMONIUM* L. Solanaceae.149619. *DIGITALIS LANATA* Ehrh. Scrophulariaceae.149620. *DIGITALIS PURPUREA* L.149621. *HYOSCYAMUS NIGER* L. Solanaceae.149622. *LOBELIA INFLATA* L. Campanulaceae.149623. *MARRUBIUM VULGARE* L. Menthaceae.149624. *MATRICARIA CHAMOMILLA* L. Asteraceae.149625. *OCIMUM BASILICUM* L. Menthaceae. Sweet basil.149626. *TEPHROSIA VIRGINIANA* (L.) Pers. Fabaceae.**149627. PHYLLOSTACHYS BAMBUSOIDES** var. **CASTILLONI** (Marl.)
H. de Lehaie. Poaceae. Castillo bamboo.

From Florida. Plants presented by Julian Nally, Gotha. Received at the Barbour Lathrop Plant Introduction Garden, Savannah, Ga., November 9, 1941. Numbered in 1944.

A variable form of *Phyllostachys bambusoides* var. *castilloni* in which the characteristic broad green stripe on the sulcus (grooved or flattened side) of the internode usually is lacking; it may be wanting on all internodes of a culm or present on only two or three. Occasionally a faint, slender green stripe may occur on the rounded side of an internode that otherwise is pure yellow, and there may also be slender whitish stripes in some leaves. A form apparently similar to this was briefly described from Japan many years ago and erroneously identified with *P. sulphurea* A. & C. Riviere; it was then called *P. reticulata* var. *sulphures* Makino.

149628. PYRUS. Malaceae. Pear.

From California. Plant growing at the United States Plant Introduction Garden, Chico. Numbered October 26, 1944.

D-56-7. Introduced originally in 1935, from H. R. Wright, Auckland, New Zealand, as an open-pollinated seedling of the variety *Garber*.

149629 to 149631. PYRUS. Malaceae. Pear.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered October 26, 1944.

Introduced in 1935, from H. R. Wright, Auckland, New Zealand, as open-pollinated seedlings of the variety *Garber*.

149629. *02-13-8A.*149630. *02-9-13.*149631. *1-6.*

149632. ERAGROSTIS CURVULA (Schrud.) Nees. Poaceae. Grass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 10, 1944.

149633 to 149646. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Director, Divisão de Experimentação e Pesquisas, Instituto Agronômico, Campinas, São Paulo. Received October 27, 1944.

149633. V-1.	149640. V-51.
149634. V-2.	149641. V-52.
149635. V-4.	149642. V-53.
149636. V-32.	149643. V-54.
149637. V-45.	149644. V-108.
149638. V-49.	149645. V-109.
149639. V-50.	149646. V-16.

149647 to 149671. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 28, 1944.

149647. <i>Aoda</i> . From Beltsville, Md.
149648. <i>Bansei</i> . From Virginia.
149649. <i>Burnette</i> . From South Carolina.
149650. <i>Cherokee</i> . From South Carolina.
149651. <i>Creole</i> . From South Carolina.
149652. <i>Delsoy</i> . From Mississippi.
149653. <i>Emperor</i> . From Beltsville, Md.
149654. <i>Hahto-20</i> . From Beltsville, Md.
149655. <i>Hahto-Mich</i> . From Beltsville, Md.
149656. <i>Higan-B</i> . From Beltsville, Md.
149657. <i>Hokkaido</i> . From Beltsville, Md.
149658. <i>Imperial</i> . From Beltsville, Md.
149659. <i>Mendota</i> . From Nebraska.
149660. <i>Missoy</i> . From South Carolina.
149661. <i>Nanda</i> . From South Carolina.
149662. <i>Rokusun</i> . From Beltsville, Md.
149663. <i>Tokyo</i> . From South Carolina.
149664. <i>Willomi</i> . From Beltsville, Md.
149665. <i>Wolverine</i> . From Beltsville, Md.
149666. No. 71558. From South Carolina.
149667. No. 71570. From South Carolina.
149668. No. 71637. From South Carolina.
149669. No. 74642. From South Carolina.
149670. No. 85465. From South Carolina.
149671. No. 89775-A. From South Carolina.

149672. VIBURNUM TRILOBUM Marsh. Caprifoliaceae.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 30, 1944.

149673. GARCIA NUTANS Vahl. Euphorbiaceae.

From Mexico. Seeds presented by Dario L. Arrieta M., Dirección General de Agricultura, San Jacinto. Received October 11, 1944.

149674. AMARANTHUS QUITENSIS H.B.K. Amaranthaceae.

From Bolivia. Seeds presented by the University of Cochabamba, Cochabamba. Received October 11, 1944.

White grain.

149675. MILLETTIA OVALIFOLIA (Wight & Arn.) Kurz. Fabaceae.

From India. Seeds presented by E. A. Menninger, Stuart, Fla. Received October 16, 1944.

From the Government Botanic Gardens, Lal-Bagh, Bangalore, India.

149676 and 149677.

From Brazil. Seeds presented by E. H. Weiss, Baltimore, Md. Received October 19, 1944.

From the Rubber Development Corporation, Rio de Janeiro.

149676. MANIHOT sp. Euphorbiaceae.

Manicola.

149677. MANIHOT sp.

A tuberous-rooted plant, somewhat resembling *Manihot glaziovii* but not of that species. The plants become leafless in winter at Coconut Grove, Fla.

149678. AESCULUS HIPPOCASTANUM L. Aesculaceae.

Horsechestnut.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received October 19, 1944.

149679 to 149688.

From Australia. Seeds obtained through G. W. Burton, Experiment Station, Tifton, Ga. Received October 23, 1944.

149679. CHLORIS CARIBAEA Spreng. Poaceae.

Grass.

CPI. 6008.

149680. PASPALUM URVILLEI Steud. Poaceae.

Grass.

CPI. 1348.

149681. PASPALUM STRAMINEUM Nash.

CPI. 8185.

149682 and 149683. PHALARIS ARUNDINACEA L. Poaceae.

Grass.

149682. *CPI. 6764.*

149683. *CPI. 8073.*

149684. PHALARIS TRUNCATA Guss.

CPI. 3743.

149685 to 149688. PHALARIS TUBEROSA L.

149685. *CPI. 1147.*

149686. *CPI. 1305.*

149687. *CPI. 1350.*

149688. *Commercial seed.*

149689 to 149709. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Maryland. Roots obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 30, 1944.

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| 149689. <i>Big Stem Jersey.</i> | 149700. <i>B-219.</i> |
| 149690. <i>Nancy Hall.</i> | 149701. <i>Big Stem Jersey.</i> |
| 149691. <i>Norton.</i> | 149702. <i>Nancy Hall.</i> |
| 149692. <i>Porto Rico.</i> | 149703. <i>Porto Rico.</i> |
| 149693. <i>Southern Queen.</i> | 149704. <i>Red Jersey.</i> |
| 149694. <i>Triumph (green stem).</i> | 149705. <i>Southern Queen.</i> |
| 149695. <i>Big Stem Jersey.</i> | 149706. <i>Triumph.</i> |
| 149696. <i>Maryland Golden.</i> | 149707. <i>Vineland Bush.</i> |
| 149697. <i>Nancy Hall.</i> | 149708. <i>Yellow Jersey.</i> |
| 149698. <i>Porto Rico.</i> | 149709. <i>Yellow Strasburg.</i> |
| 149699. <i>Triumph.</i> | |

149710 to 149712. SACCHARUM. Poaceae. Sugarcane.

From the British Indies. Cuttings presented by the Central Sugarcane Breeding Station, Department of Science and Agriculture, Barbados. Received October 31, 1944.

149710. *Barbados No. B-4098.*
 149711. *B-37161.*
 149712. *B-38155.*

149713 and 149714. ZEA MAYS L. Poaceae. Corn.

From Columbia. Seeds presented by H. V. Geib, Agricultural Adviser, American Embassy, Bogotá. Received October 31, 1944.

149713. Starchy, soft corn. From low country south of Popoyan.
 149714. Hard corn. From a few miles south of Cartago, Valle.

149715. IPOMOEA CRASSICAULIS (Benth.) Rob. Convolvulaceae.

From Maryland. Cuttings obtained from the Division of Rubber Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 31, 1944.

Grown from seed sent in by J. T. Baldwin, Jr., from Corumbá, Mato Grosso, Brazil.

149716. GOSSYPIUM. Malvaceae. Cotton.

From the British West Indies. Seeds presented by the Cotton Research Station, Trinidad. Received October 31, 1944.

149717 to 149723. FRAGARIA. Rosaceae. Strawberry.

From New Jersey. Plants presented by J. H. Clark, Agricultural Experiment Station, New Brunswick. Received October 30, 1944.

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| 149717. <i>No. 380.</i> | 149721. <i>No. 1074.</i> |
| 149718. <i>No. 943.</i> | 149722. <i>Pathfinder.</i> |
| 149719. <i>No. 947.</i> | 149723. <i>Sparkle.</i> |
| 149720. <i>No. 1051.</i> | |

149724. MALUS. Malaceae.

From Maryland. Plant growing at the United States Plant Introduction Garden, Glenn Dale. Numbered November 3, 1944.

A crabapple of unknown origin. It bears late-maturing, bitter-sharp fruits, and is of interest because of the fruits developing generally with four carpels.

149725 to 149735. *OLEA EUROPAEA* L. Oleaceae. **Olive.**

From Argentina. Cuttings presented by Ruben Bence Pieres, Corporación Nacional de Olivicultura, Ministerio de Agricultura de La Nación, Buenos Aires. Received November 6, 1944.

149725. <i>Arauco.</i>	149731. <i>Leccino.</i>
149726. <i>Arbequima.</i>	149732. <i>Piangente.</i>
149727. <i>Cerignola.</i>	149733. <i>Racemo.</i>
149728. <i>Cucci.</i>	149734. <i>Re de Mignoli.</i>
149729. <i>Della Madonna.</i>	149735. <i>San Agostino.</i>
149730. <i>Frantoio.</i>	

149736. *BOUTELOUA GRACILIS* (H.B.K.) Lag. Poaceae. **Grass.**

From North Dakota. Seeds purchased from the Newday Seeds Inc., Fargo. Received November 6, 1944.

Blue Grama.

149737 to 149740. *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 6, 1944.

149737. <i>Great Lakes.</i>	149739. <i>Imperial No. 615.</i>
149738. <i>Imperial No. 44.</i>	149740. <i>Imperial No. 847.</i>

149741 to 149750. *HUMULUS LUPULUS* L. Moraceae.

Common hop.

From Oregon. Cuttings presented by G. R. Hoerner, Agricultural Experiment Station, Corvallis. Received November 6, 1944.

149741. <i>Auscher Rete (Auschaer Rot).</i>
149742. <i>Belgian Fuggles.</i>
149743. <i>Burgunder (Bergunder).</i>
149744. <i>Cat's Tails.</i>
149745. <i>Early Green (Grünhopfen Dauba).</i>
149746. <i>Elasser (Elsässer).</i>
149747. <i>Shinsowasi.</i>
149748. <i>Skorespelka.</i>
149749. <i>Veetee.</i>
149750. <i>Zattskii.</i>

149751 to 149765. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 7, 1944.

149751. <i>Blackhull.</i>	149756. <i>Marquis.</i>
149752. <i>Chiefkan.</i>	149757. <i>Minturki.</i>
149753. <i>Fulhio.</i>	149758. <i>Pacific Bluestem.</i>
149754. <i>Fultz.</i>	149759. <i>Purdue No. 1.</i>
149755. <i>Java.</i>	149760. <i>Purkof.</i>

149751 to 149765—Continued149761. *Red Russian*.149764. *Turkey*.149762. *Ridit*.149765. *White Winter*.149763. *Trumbull*.**149766. ZEA MAYS L. Poaceae.****Corn.**

From Colombia. Seeds presented by the American Embassy, Bogotá. Received November 11, 1944.

Bolívar No. 14.

From Granja Turbaca, Bolívar. Result of 7 years' selection by Fernard Hauzeur.

149767. ROBINIA PSEUDO-ACACIA var. SEMPERFLORENS Carr. Fabaceae.

From England. Cuttings presented by W. M. Campbell, Curator, Royal Botanic Gardens, Kew, Surrey. Received November 7, 1944.

149768. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Italy. Seeds presented by R. Sprague, Division of Cereal Crops and Diseases, Mandan, N. Dak. Received October 24, 1944.

Collected by I. R. Adlard, United States Army, at Potina Morales.

149769 and 149770. CITRUS. Rutaceae.

From Texas. Budsticks presented by W. H. Friend, Substation No. 15, Weslaco. Received November 9, 1944.

149769. *Lu Gim Gong*.149770. *Mexican Thornless Lime*.**149771 and 149772. HELIANTHUS ANNUUS L. Asteraceae.****Common sunflower.**

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1944.

149771. *Greystripe*.149772. *Manchurian*.**149773 to 149793.**

From the Soviet Union. Seeds obtained through Hon. Henry A. Wallace, Vice President of the United States. Received October 31, 1944.

From the Yakutsk Seed Selection Station.

149773 to 149777. AVENA SATIVA L. Poaceae.**Oats.**149773. *Golden Rain*.149774. *Kuto*.149775. *Maganski 044*.149776. *Maganski A 339*.

149777. Local fast-ripening variety.

149778. CORIANDRUM SATIVUM L. Apiaceae.**Coriander.***Kundsa*.**149779 to 149784. HORDEUM VULGARE L. Poaceae.****Barley.**149779. *Kolkhikim*.149780. Local *Niurbinski*.

149773 to 149793—Continued

149779 to 149784—Continued

149781. Local *Pokrovski*.149782. *Markhinstz* (open seed).149783. *Pioneer*.

149784. No. 1163.

149785. *LEPIDIUM SATIVUM* L. Brassicaceae.

Garden cress.

Yantztat or *Untztat*.149786. *MENTHA* sp. Menthaceae.*Kundarn*.149787. *OCIMUM BASILICUM* L. Menthaceae.

Sweet basil.

Regani.149788 and 149789. *SECALE CEREALE* L. Poaceae.

Rye.

149788. Spring-summer rye.

149789. Winter rye.

149790 to 149793. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

149790. *Tieremok* 042.149792. *Yakutanka*.149791. *Victory*.149793. *Improved Quick-Ripener*.149794 to 149797. *DIOSPYROS KAKI* L.f. Diospyraceae.**Kaki persimmon.**

From Georgia. Plants purchased from the Fruitland Nurseries, Augusta.
Received November 13, 1944.

149794. *Fuyugaki*.149796. *Tane-Nashi*.149795. *Gailey*.149797. *Tsuru*.149798. *EUCOMMIA ULMOIDES* Oliver. Trochodendraceae.

From New Jersey. Seeds presented by S. B. Carpender, New Brunswick.
Received November 20, 1944.

From a tree of R.I. 46061.

149799. *BOUTELOUA GRACILIS* (H.B.K.) Lag. Poaceae. **Grass.**

From Colorado. Seeds purchased from the Barteldes Seed Co., Denver. Re-
ceived November 20, 1944.

Blue Grama.149800. *SPIRAEA BLUMEI* Don. Rosaceae.

From China. Seeds obtained through the American Embassy, Chungking.
Received October 11, 1944.

From Lanchow, China.

149801 to 149804.

From Florida. Plants growing at the United States Plant Introduction
Garden, Coconut Grove. Numbered November 13, 1944.

149801. *MARSDENIA EDULIS* S. Wats. Asclepiadaceae.

From Alamos, Sonora, Mexico, April 27, 1942. Woody vine; grows in
open sunshine.

149802. *PASSIFLORA EDULIS* Sims. Passifloraceae.

From Brazil. Collected at Recife by Walter Williamson, Coconut Grove,
Fla., and presented by Dr. David Fairchild, Coconut Grove. *Maracuja*.
The stems and leaf petioles of the young plants are dark red. The leaves

149801 to 149804—Continued

149802—Continued

are shining dark green, basal ones simple, up to 8 inches long and with serrate margins; the older leaves are smaller, 2- or 3-lobed, with margins also serrate.

149803. *RAPHIA TAEDIGERA* Mart. *Phoenicaceae*. Palm.

From Costa Rica. Collected at Port Limon by Dr. David Fairchild. *Yohillo*. A striking palm, native from Nicaragua to Brazil, with a trunk 6 to 8 feet high and a crown of pinnatisect leaves up to 50 feet or more long. The oblong scaly fruits, 2½ inches long and mahogany brown when ripe, are produced in immense clusters. The plants die after fruiting once. It appears to thrive best in very swampy locations near the seacoast and has been observed to withstand brackish water for short periods.

149804. *ROTHROCKIA CORDIFOLIA* A. Gray. *Asclepiadaceae*.

From Alamos, Sonora, Mexico, April 27, 1942. Woody vine with fragrant flowers and large fruits; from sunny places.

149805 to 149812.

From China. Seeds presented by Dr. F. L. Tai, Division of Plant Pathology, National Agricultural Research Bureau, Tsing Hua University, Kunming, Yunnan. Received November 14, 1944.

149805 to 149811. *TRITICUM AESTIVUM* L. *Poaceae*. Common wheat.

149805. *Ngochen*.

149806. *Grassland*.

149807. *Tsing Hua No. 677*.

149808. *No. 716*.

149809. *T. H. 1932*.

149810. *T. H. 3929*.

149811. Very susceptible variety for smut propagation.

149812. *TRITICUM TURGIDUM* L. *Poaceae*.

T. H. 559.

149813 to 149836.

From Africa. Seeds collected by A. T. Semple, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received October 11, 1944.

Unless otherwise mentioned, collections were made in Ethiopia.

149813. *BRACHIARIA BRIZANTHA* (Hochst.) Stapf. *Poaceae*. Grass.

Collected between Sorappa and Algheramariam, September 11, 1944.

For previous introduction see 142974.

149814 and 149815. *BRACHIARIA* sp.

149814. Collected at Ghedo, 100 miles west of Addis Ababa, July 23, 1944.

149815. Collected between Sorappa and Algheramariam, September 11, 1944.

149816. *CASSIA LAEVIGATA* Willd. *Caesalpiniaceae*.

From Ethiopia, September 11, 1944.

149817. *CHLORIS AMETHYSTINA* Hochst. *Poaceae*. Grass.

Collected between Assala and the Bufuru bridge.

149818. *CICER ARIETINUM* L. *Fabaceae*. Chickpea.

149813 to 149836—Continued

149819 and 149820. *CYNODON DACTYLON* (L.) Pers. Poaceae.

Bermuda grass.

149819. From an altitude of 9,000 feet.

149820. Thirty miles south of Dessye, July 18, 1944.

149821. *CYNODON* sp.

Grass.

Collected between Adama and Astala in Awar River Valley, June 19, 1944.

149822. *CYNODON* sp.

Collected at Ghedo, 100 miles west of Addis Ababa, July 23, 1944.

149823. *DIGITARIA ABYSSINICA* (Hochst.) Stapf. Poaceae.

Grass.

Collected at Ghedo, 100 miles west of Addis Ababa, July 23, 1944.

149824. *GLADIOLUS* sp. Iridaceae.

Collected at Rhodes Inyana Estate, Southern Rhodesia, February 17, 1944.

149825. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.

Collected at Addis Ababa, July 1944.

149826. *HORDEUM VULGARE* L. Poaceae.

Barley.

Collected at Saboura, altitude 8,000 feet, between the Anasc and Uabi Rivers, June 18, 1944.

149827. *HYPARRHENIA* sp. Poaceae.

Grass.

Collected at Gazelle Pass, south of Dessye, July 18, 1944.

149828. *LENS CULINARIS* Medik. Fabaceae.

Lentil.

Collected at Wogultama, altitude 9,000 feet, 65 miles west of Dessye, July 4, 1944.

149829. *PANICUM* sp. Poaceae.

Grass.

Collected near Gazelle Pass, south of Dessye, July 18, 1944.

149830 to 149833. *SORGHUM VULGARE* Pers. Poaceae.

149830. Collected at Bogot Magno, probably from along Ganale Donya, British Somaliland, September 6, 1944.

149831. Collected at Neghelli, September 6, 1944.

149832. Collected at Bogot Magno, British Somaliland, September 6, 1944.

149833. Collected at Gazelle Pass, south of Dessye.

149834. *SPOROBOLUS CAPENSIS* (Willd.) Kunth. Poaceae.

Grass.

Collected between Sorappa and Algheramarian, July 18, 1944.

149835. *TEPHROSIA* sp. Fabaceae.

Collected near Adamitullo, September 15, 1944.

149836. *VICIA FABA* L. Fabaceae.

Collected at Wogultama, 65 miles west of Dessye, July 4, 1944.

149837 to 149841.

From Maryland. Seeds obtained from the Soil Conservation Service, United States Department of Agriculture, Beltsville. Received November 15, 1944.

149837. *LESPEDEZA BICOLOR* Turcz. Fabaceae.

Shrub bushclover.

149838. *LESPEDEZA HEDYSAROIDES* (Pallas) Ricker.

Bushclover.

149839. *MELILOTUS ALBA* Desr. Fabaceae.

White sweetclover.

149837 to 149841—Continued149840. *PASPALUM NOTATUM* Fluegge. Poaceae. Bahia grass.149841. *PUERARIA THUNBERGIANA* (Sieb. & Zucc.) Benth. Fabaceae.**149842 to 149858.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1944.

149842. *AVENA SATIVA* L. Poaceae. Oats.*Iowar.* Grown at Aberdeen, Idaho.149843 to 149846. *HORDEUM VULGARE* L. Poaceae. Barley.149843. *Manchuria.* C.I. 2330.149844. *Regal.* C.I. 5030.149845. *Silver King.* C.I. 890.149846. *Wisconsin Barbless.* C.I. 5105.149847 to 149858. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.149847. *Baart.* C.I. 1697.149853. *Jenkin.* C.I. 5177.149848. *Comet.* C.I. 11465.149854. *Mosida.* C.I. 6688.149849. *Federation.* C.I. 4734.149855. *Progress.* C.I. 6902.149850. *Golden.* C.I. 10063.149856. *Ridit.* C.I. 6703.149851. *Goldwin.* C.I. 4156.149857. *Rival.* C.I. 11708.149852. *Illinois 1.* C.I. 11933.149858. *White Odessa.* C.I. 4655.**149859. BUCHLOE DACTYLOIDES (Nutt.) Engelm. Poaceae. Grass.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 20, 1944.

*F.C. 29734.***149860. CITRUS SINENSIS (L.) Osbeck. Rutaceae. Orange.**

From Florida. Budsticks presented by F. E. Gardner, Subtropical Fruit Field Station, Orlando. Received December 5, 1944.

*Summerfield Navel.***149861 and 149862. NICOTIANA RUSTICA L. Solanaceae.****Aztec tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 27, 1944.

149861. No. 68.

149862. No. 34753.

149863 to 149887.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1944.

149863 to 149871. *HORDEUM VULGARE* L. Poaceae. Barley.149863. *Atlas.* C.I. 4118.149868. *Kwan.* C.I. 1016.149864. *Beecher.* C.I. 6566.149869. *Trebi.* C.I. 936.149865. *Chevron.* C.I. 1111.

149870. Unnamed. C.I. 3902-1.

149866. *Dorsett.* C.I. 4821.149871. *Wisconsin Barbless.*
C.I. 5105.149867. *Ezond.* C.I. 6265.

149863 to 149887—Continued

149872 to 149887. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.149872. *Cadet* (*Merit* × *Thatcher*). *C.I.* 12653. From Langdon, N. Dak.149873. *McMurachy*. *C.I.* 11876. From Bozeman, Mont.149874. *Marquis*. *C.I.* 3641. From Bozeman, Mont.149875. *Merit* × *Pilot* N. 1792. From North Dakota.149876. *Merit* 3. *C.I.* 12036. From Bozeman, Mont.149877. *Mida* (*C.DC* × *Cres-Hope-Kenna*). *C.I.* 12008. From Montana.149878. *Newthatch*. *C.I.* 12318. From Bozeman, Mont.149879. *N. 1441* × *N. 1508*. *N. 1703*. *C.I.* 12319. From North Dakota.149880. *Pilot*. *CI* 11945. From Langdon, N. Dak.149881. *Pilot* × *Mida* N. 1750. *C.I.* 12316. From North Dakota.149882. *Pilot* N. 1315 N. 1829. From Montana.149883. *Regent*. *C.I.* 12070. From Pendleton, Oreg.149884. *Renown*. *C.I.* 11947. From Montana.149885. *Rival*. *C.I.* 11708. From Langdon, N. Dak.149886. *Thatcher*. *C.I.* 10003. From Langdon, N. Dak.149887. *Vesba*. *C.I.* 11712. From Montana.149888. *TAMARIX APHYLLA* (L.) Karst. Tamaricaceae. Athel.

From Arizona. Cuttings presented by C. J. King, United States Field Station, Sacaton. Received November 22, 1944.

149889 and 149890.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 28, 1944.

149889. *CAJANUS CAJAN* (L.) Druce. Fabaceae. Pigeon-pea.

Early White. Grown in Florida.

149890. *LESPEDEZA STIPULACEA* Maxim. Fabaceae. Bushclover.149891 to 149894. *ZEA MAYS* L. Poaceae. Corn.

From Argentina. Seeds presented by S. Horovitz, Director, Instituto Fitotecnico de Santa Catalina, Llavollol. Received November 28, 1944.

149891. No. 43.03007. 149893. No. 46.6139.

149892. No. 43.6036. 149894. No. 44.03004.

149895 and 149896. *MATTHIOLA INCANA* (L.) R. Br. Brassicaceae. Stock.

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Campinas, São Paulo. Received November 7, 1944.

149895. *Goivo Cor de Rosa*.149896. *Goive Roso*.149897. *LICANIA ARBOREA* Seem. Amygdalaceae.

From Mexico. Seeds presented by Dario L. Arrieta M., Dirección General de Agricultura, San Jacinto. Received November 20, 1944.

Cacahuananche.149898. *TRITICUM AESTIVUM* × *SECALE CEREALE*. Poaceae.

From the Soviet Union. Seeds presented by the Saratov Experimental Station, Saratov, through W. H. Youngman, Office of Foreign Agricultural Relations, Washington, D. C. Received November 8, 1944.

Winter rye-wheat hybrid.

149899 to 149901.

From Florida. Plants presented by the Royal Purple Citrus Nursery, Orlando. Received November 29, 1944.

149899. CITRUS. Rutaceae.

Storin's Hybrid Lemon.

149900. CITRUS.

Kennansville Red Lime.

149901. CITRUS.

Merritt Scarlett Lime.

149902 to 149907.

From Argentina. Seeds presented by Prof. Arturo Burkart, Instituto de Botanico "Darwinion," San Isidro. Received November 30, 1944.

149902. ASTRAGALUS INFLATUS DC. Fabaceae.

No. 14.126. Mendoza, February 1942. Poisonous to stock.

149903. LATHYRUS MACROPUS Gill. Fabaceae.

No. 14.138. Mendoza, February 1942.

149904. PACHYRHIZUS AHIPA (Weddell) Parodi. Fabaceae.

Ajipa. No. 13.314. September 1943. Jujuy. The sweet, fleshy root is eaten raw or cooked.

149905. PROSOPIS ALBA Griseb. Fabaceae.

Algarrobo. November 1942. Salta. Xerophytic tree, good for timber; fruits of value as forage.

149906. PROSOPIS FEROX Griseb.

No. 2096. Humahuaca, Jujuy, May 1942. Xerophytic tree, good for timber; fruits of value as forage.

149907. PROSOPIS sp.

Algarrobo. No. 12.639-40. Famatina, La Rioja. February 1941.

149908 to 149923. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 30, 1944.

149908. *Bansei.* From Virginia.

149909. *Boone.* From Illinois.

149910. *Chief.* From Illinois.

149911. *Delsoy.* From Mississippi.

149912. *Dunfield.* From Illinois.

149913. *Gibson.* From Illinois.

149914. *Illini.* From Illinois.

149915. *Jogun.* From New Jersey.

149916. *Kanro.* From Maryland.

149917. *Lincoln.* From Illinois.

149918. *Macoupon.* From Illinois.

149919. *Mandarin.* From Illinois.

149920. *Patoka.* From Illinois.

149921. *Scioto.* From Illinois.

149922. *Seminole.* From South Carolina.

149923. *Tokyo.* From South Carolina.

149924. *PACHYRHIZUS TUBEROSUS* (Lam.) Spreng. Fabaceae.

From Bolivia. Seeds presented by Dr. Martín Cárdenas, Universidad de Cochabamba, Cochabamba. Received November 20, 1944.

149925 to 149944. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1944.

149925. *Aoda*. Grown at Beltsville, Md.

149926. *Avoyelles*. Grown at Monetta, S. C.

149927. *Bansei*. Grown in Virginia.

149928. *Biloxi*. Grown at Monetta, S. C.

149929. *Burnette*. Grown at Monetta, S. C.

149930. *Charlee*. Grown at Monetta, S. C.

149931. *Cherokee*. Grown at Monetta, S. C.

149932. *Creole*. Grown at Monetta, S. C.

149933. *Delsoy*. Grown in Mississippi.

149934. *Georgian*. Grown at Monetta, S. C.

149935. *Hahto-4*. Grown at Beltsville, Md.

149936. *Higan-B*. Grown at Beltsville, Md.

149937. *Imperial*. Grown at Beltsville, Md.

149938. *Missoy*. Grown at Monetta, S. C.

149939. *Nanda*. Grown at Monetta, S. C.

149940. *Rokusun-5*. Grown at Beltsville, Md.

149941. *Seminole*. Grown at Monetta, S. C.

149942. *Tokyo*. Grown at Monetta, S. C.

149943. *White Biloxi*. Grown at Monetta, S. C.

149944. *Willomi*. Grown at Beltsville, Md.

149945 to 149949. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

From Florida. Seeds presented by W. A. Carver, Agricultural Experiment Station, Gainesville. Received December 1, 1944.

149945. *No. 88-4-1*.

149948. *249-40-B-3*.

149946. *230-118-2-2*.

149949. *284*.

149947. *231-5-1*.

149950. *GOSSYPIMUM PURPURASCENS* Poir. Malvaceae. **Cotton.**

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 14, 1944.

Maria Galante. C.B. No. 531.

149951 to 149955. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 4, 1944.

149951. *Kenya*. Grown at Bozeman, Mont., 1943.

149952. *Kubanka*. Grown at Bozeman, Mont., 1943.

149951 to 149955—Continued149953. *Marquis*. Grown at Bozeman, Mont., 1943.149954. *Pilot*. Grown at Langdon, N. Dak., 1942.149955. *Thatcher*. Grown at Langdon, N. Dak., 1942.**149956. LOLIUM TEMULENTUM L. Poaceae.****Grass.**

From Africa. Seeds collected by A. T. Semple, Awash Valley, Ethiopia. Received November 7, 1944.

149957 to 149968. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Director da Divisão de Experimentação e Pesquisas, Instituto Agronômico, Campinas, São Paulo. Received December 7, 1944.

149957. 1-N 5695.

149958. 21 N 5695.

149959. 35 N 5696.

149960. 57 N 5696.

149961. 58 N 5695.

149962. 315 F No. 3 *Virginia Gigante*.149963. *Virginia Gigante*. 315 F No. 15.

149964. V-1-1. 1.8-40.

149965. 1 F 6038.

149966. 26 N 5695.

149967. V-1-2 \times 2 N 3157-15.

149968. 2 N 3157-15.

149969 to 149973.

From Australia. Seeds presented by F. H. Brunning, Pty., Ltd., Melbourne, Victoria. Received December 1, 1944.

149969 to 149972. LOLIUM PERENNE L. Poaceae.**Ryegrass.**149969. *Clune's Perennial* ryegrass.149970. *Colac Perennial* ryegrass.149971. *Kyneton Perennial* ryegrass.149972. *New Zealand Perennial* ryegrass.**149973. LOLIUM SUBULATUM Vis.***Wimmera Ryegrass*.**149974 to 149991.**

From Iran. Seeds collected by Dr. Walter Koelz, Tehran. Received December 2, 1944.

149974. AMYGDALUS PERSICA L. Amygdalaceae.**Peach.**

No. 8338. From Karaj, September 1, 1944. Fruit flattened, 2¼ inches across, heavily washed crimson, white-fleshed, and of good flavor.

149975 to 149978. CITRULLUS VULGARIS L. Cucurbitaceae. Watermelon.149975. *Hinduana*. No. 8339. From Karaj, September 3, 1944. Fruit globose, 7 inches in diameter, pale green; rind ¼ inch thick; flesh pink; flavor good. A volunteer in cornfields; tolerant of water.149976. *Hinduana*. No. 8440. From Karaj, September 17, 1944.149977. *Hinduana Khanumi*. No. 8451. From Tehran, October 1, 1944.149978. *Hinduana*. No. 8448. From Tehran, October 1, 1944.

149974 to 149991—Continued

149979 to 149981. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

149979. *Kharbuza Kadkhuda Hussain*. No. 8449. From Tehran, October 1, 1944.

149980. *Kharbuza Talibi*. No. 8450. From Tehran, October 1, 1944.

149981. *Kharbuza Isfahani*. No. 8453. From Tehran, October 1, 1944.

149982. HORDEUM VULGARE L. Poaceae. Barley.

Jan Tursh. No. 8454. From Karaj, 1944. Matured in 90 days from March 1, 1944. Seed originally from Deh Bid, Fars.

149983. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

Gojefaranji. No. 8441. From Karaj, September 20, 1944. Fruit up to 5 inches wide by 3½ inches high, and weighing up to 25 ounces; flesh red, very juicy with few seeds.

149984 to 149989. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

Seedlings from a shipment of beans sent to Dr. Koelz at Tehran in 1943 from this Division.

149984. *Lobia*. No. 8442. From Karaj, October 1, 1944. From P. I. 145944.

149985. *Lobia*. No. 8443. From Karaj, October 1, 1944. From P. I. 125160.

149986. *Lobia*. No. 8444. From Karaj, October 1, 1944. From P. I. 138941.

149987. *Lobia*. No. 8445. From Karaj, October 1, 1944. From P. I. 117236.

149988. *Lobia*. No. 8466. From Karaj, October 1, 1944. From P. I. 145945.

149989. *Lobia*. No. 8447. From Karaj, October 1, 1944. From P. I. 117236.

149990. PISUM SATIVUM L. Fabaceae. Common pea.

No. 8452. *Nakhud Farangi*, October 1, 1944.

149991. PRUNUS DOMESTICA L. Amygdalaceae. Plum.

No. 8337. From Karaj, July 19, 1944. Fruit 2¼ inches by 1¾ inches; skin yellow, heavily washed red.

149992 to 150000.

From Maryland. Seeds obtained from the Soil Conservation Service, United States Department of Agriculture, Beltsville. Received December 11, 1944.

149992. CENCHRUS BIFLORUS Roxb. Poaceae. Grass.

149993. ECHINOCHLOA CRUGALLI Beauv. Poaceae. Barnyard grass.

149994. ERAGROSTIS CILIANENSIS (All.) Link. Poaceae. Grass.

149995. ERAGROSTIS TEF (Zucc.) Trotter (*E. abyssinica* Schrad.). Teff.

149996. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.

149997. PANICUM TEXANUM Buckl. Grass.

149998. SETARIA ITALICA (L.) Beauv. Poaceae. Foxtail millet.

149999. SORGHUM VULGARE Pers. Poaceae.

150000. SORGHUM VULGARE var. SUDANENSE Hitchc. Sudan grass.

150001 to 150090.

From Pennsylvania. Seeds purchased from Henry F. Michell Co., Philadelphia. Received December 12, 1944.

150001 to 150007. ANTIRRHINUM MAJUS L. Scrophulariaceae. Snapdragon.

150001. *Campfire*.150005. *Orange and Copper*.150002. *Daffodil*.150006. *Shasta*.150003. *Indian Summer*.150007. *Swingtime*.150004. *Rosalie*.

150008 to 150010. CALENDULA OFFICINALIS L. Asteraceae.

150008. *Campfire*.150009. *Lemon King*.150010. *Michell's Sunbeams*.

150011 to 150016. CALLISTEPHUS CHINENSIS (L.) Nees. Asteraceae.

China-aster.

150011. *Azure Blue*.150014. *Purple*.150012. *Lavender*.150015. *Rose Pink*.150013. *Peach Blossom*.150016. *White*.

150017 and 150018. CAMPANULA. Campanulaceae.

150017. *Double Pink*.150018. *Double White*.

150019. CELOSIA ARGENTEA L. Amaranthaceae.

Feather cockscomb.

Flame of Fire.

150020. CELOSIA CRISTATA L.

Common cockscomb.

Royal Velvet.

150021. COREOPSIS sp. Asteraceae.

Mayfield Giant.

150022 to 150024. DAHLIA. Asteraceae.

150022. *California Giants*, mixed.150023. *Coltness Hybrids*, single.150024. *Unwin's Dwarf Hybrids*, mixed.

150025 to 150033. DELPHINIUM. Ranunculaceae.

Larkspur.

150025. *Black Knight Series*.150026. *Blue Bird*.150027. *Summer Skies*.150028. *Blue Bell*. (Giant Imperial.)150029. *Blue Spire*. (Giant Imperial.)150030. *Carmine King*. (Giant Imperial.)150031. *Los Angeles*. (Giant Imperial.)150032. *Sweet Lavender*. (Giant Imperial.)150033. *White King*. (Giant Imperial.)

150034 to 150037. DIANTHUS BARBATUS L. Silenaceae.

Sweet-william.

150034. *Auricula Flowered*, single, mixed.150035. *Double*, mixed.150036. *Single*, mixed.150037. *Holborn Glory*, double, mixed.

150001 to 150090—Continued

150038. DIANTHUS CHINENSIS L.

150039. DIANTHUS.

Pink Beauty.

150040. DIANTHUS.

Double, mixed.

150041. DIGITALIS PURPUREA L. Scrophulariaceae. Common foxglove.
Giant Shirley.

150042 to 150052. LATHYRUS ODORATUS L. Fabaceae. Sweet pea.

150042. *Bridesmaid.*150048. *Michell's Top Sergeant.*150043. *Delicious.*150049. *Navy Blue.*150044. *Eleanor Blue.*150050. *Shirley Temple.*150045. *Fragrance.*150051. *Treasure Island.*150046. *Hope.*150052. *Valencia.*150047. *Michell's Gorgeous.*

150053. LUPINUS HARTWEGII Lindl. Fabaceae.

New Hartwegii Giant. An annual 2 to 3 feet high, with 7 to 9 oblong, obtuse, pilose leaflets, and dense, elongate racemes of blue flowers. Native to Mexico.

150054 to 150060. MATTHIOLA INCANA (L.) R. Br. Brassicaceae. Stock.

150054. *Apple Blossom, Early Giant Imperial.*150055. *Chamois, Early Giant Imperial.*150056. *Improved Bismarck (Antique Copper), Early Giant Imperial.*150057. *Lavender, Early Giant Imperial.*150058. *White, Early Giant Imperial.*150059. *Dark Blue, Super-Giant Imperial.*150060. *Roselight, Super-Giant Imperial.*150061. PAPAVER RHOEAS L. Papaveraceae. Poppy.
Improved Shirley Poppy.

150062 and 150063. PHLOX DRUMMONDII Hook. Polemoniaceae.

150062. *Salmon Glory.*

150063. Mixed.

150064 to 150070. TAGETES sp. Asteraceae. Marigold.

150064. *Chrysanthemum Flowered.*150065. *Golden Emblem.*150066. *Guinea Gold.*150067. *Harmony.*150068. *Melody. (Dwarf double French.)*150069. *Mission Giants, Yellowstone.*150070. *Yellow Supreme. (African.)*

150071. ZINNIA sp. Asteraceae.

Autumn Tints.

150001 to 150090—Continued

150072. ZINNIA sp.

Crimson Gem.

150073. ZINNIA sp.

Golden Gem.

150074. ZINNIA sp.

Rosebud.

150075. ZINNIA sp.

Salmon Rose.

150076. ZINNIA sp.

Valencia Lilliput.

150077. ZINNIA sp.

White Gem.

150078. ZINNIA sp.

Buttercup.

150079. ZINNIA sp.

Crimson Giant.

150080. ZINNIA sp.

Dream.

150081. ZINNIA sp.

Exquisite.

150082. ZINNIA sp.

Golden Dawn.

150083. ZINNIA sp.

Golden State.

150084. ZINNIA sp.

Luminosa.

150085. ZINNIA sp.

Old Rose.

150086. ZINNIA sp.

Oriole.

150087. ZINNIA sp.

Polar Bear.

150088. ZINNIA sp.

Purple Prince.

150089. ZINNIA sp.

Scarlet Flame.

150090. ZINNIA sp.

Fantasy or Chrysanthemum

(choice mixed).

150091 to 150093.

From Mexico. Seeds presented by George Proctor Cooper, III. Received December 13, 1944.

150091. CNIDOSCOLUS ELASTICUS Lundell. Euphorbiaceae.

Collected in October 1944, at Corral de Piedra, Durango. A hardy deciduous tree, up to 35 feet in height, growing at altitudes of 4,000 to 4,500 feet in shaded ravines. This is the highland *chilte*, or *chilte rojo*. Native to Sinaloa and Durango.

150092. CNIDOSCOLUS TEPIQUENSIS (Cost. & Gall.) McVaugh.

Collected at Compostela, Nayarit, about October 1, 1944. *Chilte Blanco*. A tree that grows at an altitude of 1,200 feet and becomes very tall, up to 90 feet. It is native to damp coastal ravines in southwestern Mexico.

150093. CNIDOSCOLUS sp.

Collected in October 1944, at Platanarillo, Colima. A large tree, found in shaded ravines at high altitudes in Jalisco and Colima.

150094. PASSIFLORA LIGULARIS Juss. Passifloraceae.

Sweet granadilla.

From Central America. Seeds presented by S. W. Curl, San Jose, Costa Rica. Received December 9, 1944.

For previous introduction see 143703.

150095 to 150097. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 15, 1944.

Grown at Beltsville.

150095. *Conner.*150096. *Doughty 11.*150097. *Kentucky 38.*

150098. POLYTRIAS PRAEMORSA (Nees) Hack. Poaceae. Grass.

From Panama. Stolons presented by C. F. MacMurray, Panama. Received December 15, 1944.

Javagrass. From the fairways of the Panama Golf Club.

150099 and 150100. INDIGOFERA sp. Fabaceae.

From New Guinea. Seeds presented by J. L. Weimer, Agricultural Experiment Station, Experiment, Ga. Received December 1, 1944.

Collected by a soldier.

150099. White-flowered; growth very luxuriant.

150100. Purple flowers; grows about 6 feet high; very luxuriant.

150101 to 150110.

From California. Cuttings presented by Elmer Snyder, Horticultural Station, Bureau of Plant Industry, Soils, and Agricultural Engineering, Fresno. Received December 18, 1944.

150101. VITIS CHAMPINI Planch. Vitaceae.

Grape.

DeGrassett.

150102 to 150108. VITIS VINIFERA L.

European grape.

150102. *Diamond Jubilee.*

150106. *Peack of Csaba.*

150103. *Golden Chasselas.*

150107. *Red Muscat.*

150104. *Golden Muscat.*

150108. *Salt Creek.*

150105. *Italia Elqui.*

150109 and 150110. VITIS.

Grape.

150109. *Solonis* × *Riparia* No. 1616.

150110. *Vitis berlandieri* × *Riparia* No. 420-a.

150111. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Africa. Seeds presented by Clarkson J. Beall, North African Joint Economic Mission, Tunis. Received December 19, 1944.

Florence Aurore.

150112 to 150114.

From Maryland. Seeds obtained from the Soil Conservation Service, United States Department of Agriculture, Beltsville. Received December 19, 1944.

150112. CORONILLA VARIA L. Fabaceae.

Grown at Beltsville, Md.

150113. INDIGOFERA ENDECAPHYLLA Jacq. Fabaceae.

From Hawaii.

150114. INDIGOFERA HIRSUTA L.

Grown in Florida.

150115. PONCIRUS TRIFOLIATA × CITRUS SINENSIS. Rutaceae.

From Florida. Seeds collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received December 12, 1944.

Collected at County Farm, near Orlando.

Morton Citrange.

150116 and 150117.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 22, 1944.

150116. CARYA GLABRA (Mill.) Sweet. Juglandaceae.

150117. CARYA OVATA (Mill.) K. Koch.

150118 to 150120. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 23, 1944.

150118. *Connecticut Broadleaf*. From Beltsville, Md.

150119. *Gold Dollar*. From Florence, S. C.

150120. *White Burley*. From Greenville, Tenn.

150121 to 150180.

From Australia. Seeds collected by William Hartley, Chief of the Division of Plant Industry, Canberra City. Received December 9, 1944.

150121 and 150122. AGROPYRON DESERTORUM (Fisch.) Schult. Poaceae. Grass.

A perennial grass native to sandy, half-desert places in Turkistan.

150121. *CPI 1775*. 1943.

150122. *CPI 7659*. 1942.

For previous introduction see 116250.

150123. AGROPYRON ELONGATUM (Host.) Beauv.

A drought-resistant, cespitose perennial grass. Native to central Europe.

CPI 6020. 1943.

For previous introduction see 146924.

150124. AGROPYRON INTERMEDIUM (Host.) Beauv.

A perennial grass growing in clumps up to 4 feet high on dry slopes in central and eastern Europe.

CPI 8061. 1942.

For previous introduction see 146667.

150125 and 150126. AGROPYRON OBTUSIUSCULUM Lange.

A perennial grass with ascending culms up to 2 feet long. Native to sandy places in northern Europe.

150125. *CPI 6039*.

150126. *CPI 7761*. 1943.

150127. AGROPYRON SEMICOSTATUM (Steud.) Nees.

A perennial, fibrous-rooted grass, with erect stems and narrowly linear leaves. Native to Afghanistan.

CPI 8063. 1942.

150128 and 150129. AGROPYRON SIBIRICUM (Willd.) Beauv.

An upright cespitose perennial grass, up to 16 inches high, with linear leaves. It is very drought-resistant and is native from southern Europe to Manchuria.

For previous introduction see 116251.

150130. AGROPYRON TRICHOPHORUM (Link) Richt.

A perennial grass, up to 3 feet high, native to dry, rocky slopes in central Europe.

CPI 8064.

For previous introduction see 107011.

150131. ARRHENATHERUM ERIANTHUM Boiss. & Reut. Poaceae. Grass.

A tall perennial grass, native to Spain, with flat leaf blades and dense erect panicles.

CPI 2283. 1943.

For previous introduction see 117321.

150121 to 150180—Continued

150132 to 150135. *ASTREBLA ELYMOIDES* Baill. & Muell. Poaceae. Grass.

A perennial, drought-resistant grass, native to Australia.

150132. *Acc. No. 57.* From Lawes, Queensland, March, 1942.

150133. *Acc. No. 61.* From Gilruth Plains, Queensland, March, 1942.

150134. *Acc. No. 85.* From Cunnamulla, Queensland, March, 1942.

150135. *Acc. No. 113.* From Blackall, Queensland, March, 1942.

For previous introduction see 134838.

150136 to 150138. *ASTREBLA PECTINATA* F. Muell.

An Australian grass highly valued for its drought-enduring qualities and its value as forage.

150136. *Acc. No. 56.* From Lawes, Queensland, March, 1942.

150137. *Acc. No. 59.* From Gilruth Plains, Queensland, March, 1942.

150138. *Acc. No. 86.* From Cunnamulla, Queensland, March, 1942.

150139. *ATRIplex LEPTOCARPA* F. Muell. Chenopodiaceae.

From near Trangie, New South Wales, January 1943. A much-branched trailing perennial native to Australia, with a glaucous bloom that covers the whole plant. The leaves are mostly oblong and 1 to 2 inches long.

For previous introduction see 126473.

150140. *ATRIplex MUELLERI* Benth.

Acc. No. 50. Gilruth Plains, Queensland, March 1942. A mealy-white spreading annual with broadly ovate, coarsely sinuate-toothed leaves 1 to 2 inches long, and small inconspicuous flowers in little globular axillary heads. It is native to Australia.

150141. *ATRIplex PROSTRATA* R. Br.

From Sutherlands, South Australia, 1940. A prostrate annual with slender leafy stems up to 6 inches long. Native to South Australia.

150142. *ATRIplex* sp.

From near Trangie, New South Wales, February 1943.

150143 and 150144. *BROMUS COLORATUS* Steud. Poaceae. Grass.

A grass 1 to 2 feet high, with linear leaves and long slender panicles. Native to southern South America.

150143. *CPI 6005.* 1942.

150144. *CPI 6066.* 1942.

For previous introduction see 75528.

150145. *CHLORIS ACICULARIS* Lindl. Poaceae. Grass.

Acc. No. 139, March 1942. An erect grass, 1 to 2 feet high, with numerous spikes 3 to 4 inches long. Native to Australia.

For previous introduction see 17191.

150146. *CHLORIS CARIBAEA* Spreng.

CPI 6088. 1942. An annual, erect, leafy grass, native to the West Indies, with linear, flat leaves about a foot long.

For previous introduction see 74513.

150147. *EHRHARTA CALYCINA* J. E. Smith. Poaceae. Grass.

CPI 7763. 1943. A heavy-yielding, drought-resistant, nutritious grass that grows to a height of more than 4 feet and seeds profusely. Native to South Africa.

For previous introduction see 137698.

150121 to 150180—Continued

150148. *ELYMUS MULTICAULIS* Kar. & Kir. Poaceae.

Grass.

*CPI 6510. 1943.*150149. *ELYMUS* sp.*CPI 6511.*150150. *ELYMUS ANGUSTUS* Trin.*CPI 7730. 1943.* An erect perennial grass about 2 feet high, with flat rigid leaves. Native to Turkistan.

For previous introduction see 108479.

150151. *EREMOPHILA* sp. Myoporaceae.*Acc. No. 54.* Gilruth Plains, Queensland, March 1942.150152. *EREMOPHILA MITCHELLI* Benth.*Acc. No. 204.* Gilruth Plains, Queensland, January 1944. A tall shrub 10 to 30 feet high, with linear-lanceolate leaves 1 to 2 inches long, and small, solitary, white or purplish flowers. Native to Australia.

For previous introduction see 10499.

150153 and 150154. *EREMOPHILA STURTI* R. Br.

An erect, bushy, strong-scented shrub several feet high, with linear leaves, usually with a hooked tip, and solitary, small purplish flowers. Native to Australia.

150153. *Acc. No. 203.* Near Bourke, New South Wales, January 1944.150154. *Acc. No. 205.* Near Bourke, New South Wales, January 1944.150155 and 150156. *FESTUCA ELATIOR* var. *ARUNDINACEA* (Schreb.) Wimm. Poaceae.

Grass.

150155. *CPI 5760. 1942.*150156. *CPI 6823. 1942.*

For previous introduction see 146407.

150157 and 150158. *FESTUCA ELATIOR* L.

Meadow fescue.

150157. *CPI 5712. 1942.*150158. *CPI 7676. 1942.*

For previous introduction see 148942.

150159. *FESTUCA MAIREI* St. Yves.

Grass.

CPI 1499. 1943.

For previous introduction see 110798.

150160. *GLYCINE JAVANICA* L. Fabaceae.*CPI 6043. 1943.* A wide-climbing perennial vine, native to Asia and Africa, where it is used as a cover crop. The slender stems are silky pubescent, the trifoliate leaves have ovate leaflets 2 to 4 inches long, finely pubescent beneath, and the small bright-red flowers are in axillary racemes 3 to 6 inches long.

For previous introduction see 145105.

150161. *HORDEUM STENOSTACHYS* Godr. Poaceae.

Grass.

*CPI 6011. 1942.*150162. *LOLIUM REMOTUM* Schrank. Poaceae.

Grass.

CPI 8072. 1943. An annual grass, native to Europe, with stems over 2 feet high.

For previous introduction see 131936.

150121 to 150180—Continued

150163 and 150164. *LOLIUM PERENNE* L.

Perennial ryegrass.

150163. *CPI* 7244. 1943.150164. *CPI* 7245. 1943.150165. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae.

Lupine.

CPI 8257. 1943.

For previous introduction see 145053.

150166. *ONOBRYCHIS OXYTROIPOIDES* Boiss. Fabaceae.*CPI* 6159. 1942.

For previous introduction see 142026.

150167. *ONOBRYCHIS TRANSCAUCASICA* Grossh.*CPI* 6160. 1942.

For previous introduction see 108669.

150168. *PANICUM DECOMPOSITUM* R. Br. Poaceae.

Grass.

Acc. No. 210. Gilruth Plains, Queensland, April 1944. A spreading glabrous grass 2 to 3 feet high, common in Queensland.

For previous introduction see 50342.

150169. *PHALARIS TRUNCATA* Guss. Poaceae.

Grass.

CPI 3743. 1943. A perennial grass about 2 feet high, found in the Mediterranean region. The flowers are borne in dense spikes, resembling timothy.

For previous introduction see 88728.

150170 and 150171. *PHALARIS TUBEROSA* L.

A forage grass.

150170. *CPI* 1147. 1943.150171. *CPI* 1305. 1942.

For previous introduction see 139985.

150172 to 150174. *PHASEOLUS CALCARATUS* Roxb. Fabaceae.150172. *CPI* 2778. 1943.150173. *CPI* 2779. 1943.150174. *CPI* 5783. 1943.150175 and 150176. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

150175. *CPI* 8234. 1943.150176. *CPI* 8236. 1943.150177. *TRICHINIUM* sp. Amaranthaceae.

Acc. No. 93. Gilruth Plains, Queensland, March 1942.

150178. *TRICHINIUM* sp.

Acc. No. 94. Gilruth Plains, Queensland, March 1942.

150179. *TRICHINIUM* sp.

Acc. No. 73. Gilruth Plains, Queensland, March 1942.

150180. *TRIGONELLA SUAVISSIMA* Lindl. Fabaceae.

From De Fray Station, West Australia, 1941. This cloverlike plant, called "Darling clover" in Australia, where it is native, has fragrant stems and foliage and in favorable locations is perennial, becoming 3 feet or more in height.

For previous introduction see 141528.

150181. ACHRAS SAPOTA L. Sapotaceae. Sapodilla.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Numbered December 26, 1944.

Original seeds received from Dr. H. Pittier, Caracas, Venezuela, April 1929.

150182 to 150184. CARYA ILLINOENSIS (Wangenh.) K. Koch.

Juglandaceae.

Pecan.

From Louisiana. Seeds presented by F. N. Dodge, United States Pecan Field Station, Shreveport. Received December 26, 1944.

150182. *Desirable*.

150183. *Schley*.

150184. *Stuart*.

150185. PAMBURUS MISSIONIS (Wright) Swingle. Rutaceae.

From Florida. Seeds collected at Coconut Grove, by W. T. Swingle. Received December 28, 1944.

150186. CORCHORUS CAPSULARIS L. Tiliaceae.

Jute.

From Brazil. Seeds presented by the American Embassy, Rio de Janeiro. Received December 26, 1944.

Brazilian Jute.

150187 to 150191.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in December 1944.

Seedlings of P. I. 129598, hitherto carried under P. I. 145884 (*Bambusa* sp.) are now given separate P. I. numbers.

150187. *BAMBUSA* sp. Poaceae.

Bamboo.

150188. *BAMBUSA* sp.

150189. *BAMBUSA* sp.

150190. *BAMBUSA* sp.

150191. *BAMBUSA* sp.

150192. POLYGALA COWELLII (Britton) Blake. Polygalaceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in December 1944.

Introduced from Puerto Rico by T. B. McClelland in 1941.

150193 to 150198.

From Venezuela. Seeds presented by the Ministerio de Agricultura y Cria, Dirección de Tierras, Bosques y Aguas, Caracas. Received December 22, 1944.

150193. *CASSIA LAETA* H.B.K. Caesalpinaceae.

Parampampam.

150194. *CORDIA ALLIODORA* (Ruiz & Pav.) DC. Boraginaceae.

Pardillo.

A large tree that becomes 8 or 9 feet in diameter and is conspicuous in the landscape with its gay white flowers, which exhale a faint perfume.

For previous introduction see 97842.

150195. *LONCHOCARPUS MARGARITENSIS* Pittier. Fabaceae.

Majomo.

150196. *ROYSTONEA OLERACEA* (Jacq.) O. F. Cook. Phoenicaceae.

Royal palm.

Chaguaramo.

The royal palm of South America, also called the cabbage palm. It has pinnate leaves 10 to 14 feet long, grows to a height of 130 feet with a

150193 to 150198—Continued

150196—Continued

diameter of $2\frac{1}{2}$ feet, and is a far statelier palm than *Roystonea regia*, which is usually grown in Florida.

For previous introduction see 133030.

150197. *RUPRECHTIA* sp. Polygonaceae.

Cabriton.

150198. *TABEBUIA PENTAPHYLLA* (L.) Hemsl. Bignoniaceae.

Apamate. A handsome, tropical, deciduous tree about 35 feet high, native to Central America. During its flowering period, from January to March, the numerous large clusters of pink flowers make this tree very attractive.

For previous introduction see 97788.

150199 to 150208.

From Chile. Seeds presented by the Universidad de Concepción, Concepción. Received December 20, 1944.

150199. *ACAENA OVALIFOLIA* Ruiz & Pav. Rosaceae.

A trailing perennial with pinnate leaves; flowers small, in globose heads, followed by purplish-red spiny fruits. Native to Chile.

For previous introduction see 144742.

150200. *AEXTOXICON PUNCTATUM* Ruiz & Pav. Euphorbiaceae.

A tree with leathery, dark-green leaves; flowers small, white, in short racemes. Native to Chile.

For previous introduction see 144343.

150201. *ASTERISCUM CHILENSE* Cham. & Schlecht. Apiaceae.

An herb whose seeds are reported to be of value as a febrifuge.

For previous introduction see 144376.

150202. *ESCALLONIA LEUCANTHA* Remy. Escalloniaceae.

A large leafy shrub with dense racemes of small white flowers. Native to Chile.

150203. *GRISELINIA SCANDENS* (Ruiz & Pav.) Taub. Cornaceae.

An evergreen shrub, allied to aucuba, with large, glossy leaves and inconspicuous flowers. Native to Chile.

150204. *HERRERIA STELLATA* Ruiz & Pav. Liliaceae.

A woody climber with a tuberous rootstock, whorls of linear leaves, and small, fragrant, greenish flowers in racemes. Native to Chile.

150205. *LITHRAEA CAUSTICA* (Molina) Hook. & Arn. Anacardiaceae.

An evergreen shrub with thick leathery leaves and small white flowers in panicles; fruits small, white.

For previous introduction see 144250.

150206. *EUGENIA LUMA* (Molina) Berg. Myrtaceae.

A small handsome evergreen tree with small, edible, black, sweet-sour fruits, popular in Chile.

For previous introduction see 53591.

150207. *PERNETTYA FURENS* Klotzsch. Ericaceae.

A bushy shrub with leathery, ovate leaves, reddish, bristly beneath, and small white flowers in axillary racemes, followed by small, black, rather dry fruits. Native to Chile.

For previous introduction see 78362.

150208. *PROUSTIA PYRIFOLIA* Lag. Asteraceae.

A woody climber; the flower heads are white with a rose-colored pappus. Native to Chile.

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durum. See *T. durum*.

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Plant Inventory No. 153

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1952



PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION, JANUARY 1 TO DECEMBER 31, 1945 Nos. 150209 to 153051)

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This inventory, No. 153, lists the plant material (Nos. 150209 to 153051) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1945. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*



INVENTORY

150209 to 150211. *CARYA ILLINOENSIS* (Wangenh.) K. Koch. Juglandaceae. **Pecan.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 12, 1945.

150209. *Desirable*.

150211. *Stuart*.

150210. *Schley*.

150212 to 150214. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 16, 1945.

150212. *Improved Spanish 2 B*.

150214. *Virginia Station Jumbo*.

150213. *Spanish 13-38*.

150215. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae.

Green perilla.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 17, 1945.

150216 to 150219. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castor-bean.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 17, 1945.

150216. *Conner*.

150218. *Kentucky 38*.

150217. *Doughty 11*.

150219. *U. S. 4*.

150220. *ALFONSIA OLEIFERA* H.B.K. Phoenicaceae.

Palm.

From Cuba. Seeds obtained from the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received Jan. 18, 1945.

150221. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

From Louisiana. Seeds presented by W. T. Nolan, Hamburg. Received Jan. 18, 1945.

150222. *PUERARIA THUNBERGIANA* (Sieb. & Zucc.) Benth. Fabaceae.

Kudzu-bean.

From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 19, 1945.

150223. *MELOTHRIA* sp. Cucurbitaceae.

From the southern Pacific area. Seeds presented by Lt. Comdr. S. G. Bedell, United States Navy. Received Jan. 19, 1945.

A small jungle vine with fruits like small red peppers.

150224. CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

From Arizona. Seeds presented by A. E. Griffiths, University of Arizona, Tempe.
Received Jan. 10, 1945.

Arizona No. 13.

150225 to 150236. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases,
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received Jan. 12, 1945.

150225. *Acme*.

150231. *Little Club*.

150226. *Arnautka*.

150232. *Marquis*.

150227. *Einkorn*.

150233. *Mindum*.

150228. *Khapli*.

150234. *Reliance*.

150229. *Kota*.

150235. *Spelmar*.

150230. *Kubanka*.

150236. *Vernal*.

150237. COBAEA SCANDENS Cav. Polemoniaceae.

From Ecuador. Seeds presented by F. R. Fosberg, Foreign Economic Admin-
istration of the United States. Received Jan. 12, 1945.

Collected in Quito.

150238 to 150249.

From Montana. Seeds purchased from E. C. Moran, Stanford.
Received Jan. 16, 1945.

150238. *AMELANCHIER ALNIFOLIA* Nutt. Malvaceae.

Grown in Montana.

150239. *PICEA GLAUCA* var. *ALBERTIANA* (S. Brown) Sarg. Pinaceae. **Spruce.**

Grown in South Dakota.

150240. *PICEA ENGELMANNI* (Parry) Engelm.

Engelmann spruce.

For previous introduction see 24629.

Grown in Montana.

150241. *PICEA PUNGENS* Engelm.

Colorado spruce.

Grown in Colorado.

For previous introduction see 147788.

150242. *PINUS ALBICAULIS* Engelm. Pinaceae.

Whitebark pine.

Grown in Montana.

150243. *PINUS CONTORTA* Dougl.

Shore pine.

Grown in Montana.

150244. *PINUS FLEXILIS* James.

Limber pine.

Grown in Montana.

150245. *PINUS MONTICOLA* Lamb.

Mountain white pine.

Grown in Montana.

150246. *PINUS PONDEROSA* LAWSON.

Western yellow pine.

Grown in Montana.

150247. *PINUS PONDEROSA* var. *SCOPULORUM* Engelm.

Grown in South Dakota.

150248. *PSEUDOTSUGA TAXIFOLIA* (Poir.) Sudw. Pinaceae.

Douglas-fir.

Grown in Montana.

150249. *TSUGA HETEROPHYLLA* (Raf.) Sarg. Pinaceae.

Western hemlock.

Grown in Montana.

150250 to 150255.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 19, 1945.

150250. *ARTEMISIA CINA* Berg. Asteraceae. **Santonica wormseed.**

150251. *CHENOPODIUM ANTHELMINTICUM* L. Chenopodiaceae.

150252. *LOBELIA INFLATA* L. Campanulaceae. **Indian-tobacco.**

150253. *OCIMUM GRATISSIMUM* L. Menthaceae. **Basil.**

150254. *RHEUM OFFICINALE* Baill. Polygonaceae. **Rhubarb.**

150255. *SALVIA SCLAREA* L. Menthaceae. **Common clary.**

150256 to 150267. TRITICUM spp. Poaceae. **Wheat.**

From China. Seeds obtained from Chung Hsiung Li, Agronomist, University of Missouri, Columbia, Mo. Received Jan. 23, 1945.

150256 to 150266. *TRITICUM AESTIVUM* L.

(No special data.)

150267. *TRITICUM AESTIVUM* × *SECALE CEREALE*.

Introduced as a wheat-rye hybrid.

150268. GARCIA NUTANS Vahl. Euphorbiaceae.

From Venezuela. Seeds obtained from the American Embassy, Caracas, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Jan. 12, 1945.

Pascualito.

150269. DUBOISIA HOPWOODII F. Muell. Solanaceae.

From Australia. Seeds presented by W. Poggendorff, Division of Plant Industry, Sydney, New South Wales. Received Jan. 8, 1945.

Seeds originally from Western Australia.

For previous introduction see 145946.

150270 to 150273. NICOTIANA TABACUM L. Solanaceae.

Common tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 23, 1945.

150270. *Gold Dollar.* 150272. *Kentucky*

150271. *Judy's Pride.* 150273. *No. 402.*

150274. RUMEX HYMENOSEPALUS Torr. Polygonaceae. **Canaigre.**

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 23, 1945.

150275 to 150277. ZEA MAYS L. Poaceae. **Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 23, 1945.

150275. *Mexican June.* Grown in Arizona.

150276. *Tuxpan.* Grown in Louisiana.

150277. *Yellow Tuxpan.* Grown in Louisiana.

150278. GLYCINE MAX (L.) Merr. Fabaceae. **Soybean.**

From Virginia. Seeds purchased from T. W. Wood & Sons, Richmond. Received Jan. 24, 1945.

Tokyo.

- 150279. PASPALUM NOTATUM** Fluegge. Poaceae. **Bahia grass.**
 From Bolivia. Seeds presented by L. R. Parodi, Buenos Aires, Argentina.
 Received Jan. 12, 1945.
Grana Negra. From Santa Cruz.
- 150280. AGAVE** sp. Amaryllidaceae.
 From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos.
 Received Jan. 13, 1945.
- 150281. CRYPTOSTEGIA MADAGASCARIENSIS** Bojer. Asclepiadaceae.
Madagascar rubbervine.
 From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos.
 Received Jan. 13, 1945.
 For previous introduction see 77904.
- 150282 to 150284.**
 From Durban, South Africa. Seeds obtained through E. A. Menninger, Stuart, Fla. Received Jan. 25, 1945.
- 150282. MILLETTIA GRANDIS** (E. Mey.) Skeels. Fabaceae.
 For previous introduction see 147954.
- 150283. MILLETTIA OVALIFOLIA** (Wight & Arn.) Kurz.
 For previous introduction see 149675.
- 150284. NAUCLEA ESCULENTA** (Afzel.) Merr. Rubiaceae.
 For previous introduction see 119040.
- 150285 to 150288. TRIFOLIUM SUBTERRANEUM** L. Fabaceae.
Subterranean clover.
 From Australia. Seeds presented by F. H. Brunning Pty., Ltd., Melbourne, Victoria. Received Jan. 25, 1945.
- 150285. *Bacchus Marsh.*** Early-flowering strains.
- 150286. *Dwanganup.*** Extra-early strain.
- 150287. *Mt. Barker.*** Mid-season strain.
- 150288. *Tallarook.*** Late strain.
- 150289 to 150306.**
 From California. Seed purchased from Eustace Rush, Burbank.
 Received Jan. 25, 1945.
- 150289. CALLITRIS ROBUSTA** (Parl.) F. M. Bailey. Pinaceae. **Cyprus pine.**
 For previous introduction see 143836.
- 150290. CEDRUS DEODARA** (Lamb.) Loud. Pinaceae. **Deodar cedar.**
 For previous introduction see 146842.
- 150291. CERATONIA SILIQUA** L. Caesalpiniaceae. **Carob.**
 For previous introduction see 100468.
- 150292. CUPRESSUS ARIZONICA** Greene. Pinaceae. **Arizona cypress.**
 For previous introduction see 146843.
- 150293. CUPRESSUS FORBESII** Jepson.
- 150294. CUPRESSUS LUSITANICA** Mill. **Portuguese cypress.**
 For previous introduction see 76924.
- 150295. FRAXINUS VELUTINA** Torr. Oleaceae. **Ash.**
- 150296. JUNIPERUS CALIFORNICA** Carr. Pinaceae. **Juniper.**
- 150297. PINUS ATTENUATA** Lemmon. Pinaceae. **Pine.**

150289 to 150306—Continued

150298. *PINUS COULTERI* D. Don.150299. *PINUS HALEPENSIS* Mill.

Aleppo pine.

For previous introduction see 118923.

150300. *PINUS JEFFREYI* Murr.150301. *PINUS PONDEROSA* Lawson.

Western yellow pine.

150302. *PINUS RADIATA* D. Don.150303. *PINUS SABINIANA* Dougl.150304. *PODOCARPUS MACROPHYLLA* (Thunb.) Don. Taxaceae.150305. *SEQUOIA GIGANTEA* (Lindl.) Dcne. Pinaceae.150306. *SEQUOIA SEMPERVIRENS* (Lamb.) Endl. Pinaceae.150307. *CHLORIS GAYANA* Kunth. Poaceae.

Rhodes grass.

From Southern Rhodesia. Seeds obtained from the Agricultural Experiment Station, Salisbury. Received Jan. 23, 1945.

150308 to 150312.

From New Zealand. Seeds obtained through the American Consul, Christchurch. Received Jan. 29, 1945.

150308. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

150309. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

150310. *LOLIUM PERENNE* L.

Perennial ryegrass.

150311. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

*Montgomery.*150312. *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

*Mammoth.*150313 to 150334. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 29, 1945.

150313. *Aoda.*150324. *Willomi.*150314. *Bansei.*150325. *Biloxi.*150315. *Clemson.*150326. *Burnette.*150316. *Chusei.*150327. *Charlee.*150317. *Delsoy.*150328. *Cherokee.*150318. *Hahto-1.*150329. *Clemson.*150319. *Higan-B.*150330. *Monetta.*150320. *Imperial.*150331. *Delsoy.*150321. *Jogun-2.*150332. *Monetta.*150322. *Lincoln.*150333. *Nanda.*150323. *Mendota.*150334. *Seminole.*150335. *CROTALARIA* sp. Fabaceae.

From the Pacific area. Seeds presented by Lt. Norval Baker, United States Army. Received Jan. 23, 1945.

150336. *RHAMNUS PURSHIANA* DC. Rhamnaceae.

Cascara buckthorn.

From Oregon. Seeds presented by H. A. Gunning, Soil Conservation Service, United States Department of Agriculture. Received Jan. 31, 1945.

From the Soil Conservation Nursery, Portland.

150337 to 150350. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 5, 1945.

150337. <i>Agate</i> .	150344. <i>Higan-B</i> .
150338. <i>Aoda</i> .	150345. <i>Imperial</i> .
150339. <i>Chusei</i> .	150346. <i>Jogun-2</i> .
150340. <i>Emperor</i> .	150347. <i>Kanro</i> .
150341. <i>Etum</i> .	150348. <i>Mendota</i> .
150342. <i>Fuji</i> .	150349. <i>Tastee</i> .
150343. <i>Hahto-Mich</i> .	150350. <i>Willomi</i> .

150351. IPOMOEA sp. Convolvulaceae.

From Mexico. Tubers obtained through the Bureau of Entomology and Plant Quarantine, Laredo, Tex. Received Feb. 5, 1945.

Comote de Azurea. From Mexico, D. F.

150352 to 150354. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From Washington, D. C. Seeds purchased from F. W. Bolgiano & Co. Received Feb. 5, 1945.

- 150352. *Marglobe*.
- 150353. *Ponderosa*.
- 150354. *Rutgers*.

150355. PHASEOLUS ACUTIFOLIUS var. LATIFOLIUS G. F. Freeman.

Tepary bean.

From Arizona. Seeds presented by C. J. King, United States Department of Agriculture Field Station, Sacaton. Received Feb. 6, 1945.

150356. PISUM SATIVUM L. Fabaceae.

Pea.

From South Carolina. Seeds presented by B. L. Wade, United States Regional Vegetable Breeding Laboratory, Charleston. Received Feb. 6, 1945.

Wando.

150357 to 150379.

From Australia. Seeds obtained from the Council for Scientific and Industrial Research, Division of Plant Industry, Canberra, Federal Capital Territory. Received Jan. 23, 1945.

150357 to 150359. ALYSICARPUS RUGOSUS (Willd.) DC. Fabaceae.

- 150357. CPI 2675 (India).
- 150358. CPI 2785 (India).
- 150359. CPI 3769 (India).

150360. ATRIPLEX VESICARIA Heward. Chenopodiaceae.

From South Australia.

150361. BRACHIARIA PLATYNOTA (Schum.) Robyns. Poaceae.

CPI 8602. From South Africa.

150362. BRACHIARIA STOLONIFERA GOOSENS.

CPI 8664. From South Africa.

150363 and 150364. CROTALARIA ANAGYROIDES H.B.K. Fabaceae.

For previous introduction see 117933.

- 150363. CPI 1660. From Java.
- 150364. CPI 5773. From South America.

150357 to 150379—Continued

150365. *CROTALARIA GOREENSIS* Guill. & Perr.

For previous introduction see 149342.

CPI 1251. From the United States.

150366. *CROTALARIA MAXILLARIS* Klotzsch.

For previous introduction see 81422.

CPI 1256. From the United States.

150367. *CROTALARIA SPECTABILIS* Roth.

For previous introduction see 147146.

CPI 5775. From South America.

150368. *CROTALARIA USARAMOENSIS* Baker f.

For previous introduction see 147539.

CPI 1661. From Java.

150369 and 150370. *DESMODIUM DISCOLOR* Vogel. Fabaceae.

For previous introduction see 136277.

CPI 5815. From Brazil.

150371. *INDIGOFERA ARRECTA* Rich. Fabaceae.

Indigo.

For previous introduction see 91961.

CPI 7769. From New Guinea.

150372. *KOCHIA APHYLLA* R. Br. Chenopodiaceae.

Cottonbush.

From South Australia. A rigid shrub, 2 to 3 feet high, with minute leaves $\frac{1}{8}$ to $\frac{1}{2}$ inch long. This shrub has proved valuable for browsing by horses and cattle in South Australia.

150373. *KOCHIA PLANIFOLIA* F. Muell.

From South Australia.

150374. *PANICUM DECOMPOSITUM* R. Br. Poaceae.

CPI 8566. From Southern Rhodesia.

150375. *PENNISETUM MASSAICUM* Stapf. Poaceae.

CPI 6492. From South Africa.

150376. *SETARIA* sp. Poaceae.

CPI 8677. From South Africa.

150377. *SORGHUM ARUNDINACEUM* (Wild.) Stapf. Poaceae.

For previous introduction see 134012.

CPI 6581. From Southern Rhodesia.

150378. *STYLOSANTHES GUIANENSIS* (Aubl.) Swartz. Fabaceae.

For previous introduction see 145116.

CPI 6058. From Hawaii.

150379. *UROCHLOA MOSAMBICENSIS* (Hack.) Dandy. Poaceae.

CPI 6559. From Southern Rhodesia.

150380 to 150382. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Tunisia. Seeds presented by C. J. Beall, Economic Mission, c/o American Consulate, Tunis. Received Feb. 7, 1945.

150380. *Mahmoudi*.

150381. *Syndyouk* \times *Mahmoudi*.

150382. *Syrroubouk* \times *Mahmoudi*.

150383. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Honduras. Seeds presented by R. H. Lovald, Institute of Inter-American Affairs, Tegucigalpa. Received Feb. 13, 1945.

150384 to 150387.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 7, 1945.

150384. ATROPA BELLADONNA L. Solanaceae. Belladonna.

For previous introduction see 149616.

150385. CARUM CARVI L. Apiaceae. Caraway.

For previous introduction see 149600.

150386. PIMPINELLA ANISUM L. Apiaceae. Anise.

For previous introduction see 149605.

150387. SALVIA OFFICINALIS L. Menthaceae. Garden sage.

For previous introduction see 149606.

150388 to 150394.

From Brazil. Seeds presented by the Serviço Florestal, Ministerio da Agricultura, Rio de Janeiro. Received Feb. 1, 1945.

150388. ERYTHRINA CRISTA-GALLI L. Fabaceae.

For previous introduction see 77020.

150389. ERYTHRINA FALCATA Benth.

For previous introduction see 124030.

150390. ERYTHRINA GLAUCA Willd. Coraltree.

For previous introduction see 98847.

150391. ERYTHRINA HERBACEA L. Coraltree.

For previous introduction see 107819.

150392. ERYTHRINA RETICULATA Presl.

For previous introduction see 118379.

150393. ERYTHRINA VARIEGATA Stickm. Coraltree.

For previous introduction see 123206.

150394. ERYTHRINA VELUTINA Willd.

For previous introduction see 98060.

150395 to 150417.

From El Salvador. Seeds presented by Dr. F. L. Wellman, Director, Centro Nacional de Agronomía, San Salvador. Received Jan. 29, 1945.

150395 and 150396. PHASEOLUS CALCARATUS Roxb. Fabaceae. Rice bean.

150395. *Frijol arroz No. 1.*

150396. *Frijol arroz No. 12.*

150397 to 150417. PHASEOLUS VULGARIS L. Common bean.

150397. *Frijol dulce No. 2.*

150398. *Frijol de seda blanca No. 3.*

150399. *Frijol de seda roja No. 4.*

150400. *Frijol tinecon No. 5.*

150401. *Frijol tinequito No. 6.*

150402. *Frijol colorado tinece No. 7.*

150403. *Frijol dulce No. 8.*

150395 to 150417—Continued

150397 and 150417—Continued

150404. *Frijol tinequito* No. 9.150405. *Blanco gordo* No. 10.150406. *Frijol de seda roja* No. 11.150407. *Frijol blanco* No. 13.150408. *Frijol tinecon* No. 14.150409. *Frijol de seda balla* No. 15.150410. *Frijol chilipuca blanca* No. 16.150411. *Frijol chilipuca blanca* No. 17.150412. *Frijol blanco* No. 18.150413. *Frijol pardo tineco* No. 19.150414. *Frijol rojo* No. 20.150415. *Frijol blanco de castilla* No. 21.150416. *Frijol blanco pequeña* No. 22.150417. *Frijol rojo* No. 23.150418 to 150420. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From Morocco. Seeds presented by Lawrence C. Curtis, United States Foreign Economic Administration for North Africa. Received Jan. 31, 1945.

150418. *Demnat*. From the Agricultural Experiment Station, De La Menara.150419. *Tadla*. From Kasha Tadla.150420. *De Gabaes*. A variety commonly grown in Tunisia.150421 to 150424. *Gossypium*. Malvaceae.

Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 12, 1945.

150421. *Acala* (*Shafter P-18-c*). 150423. *Deltapine 14*.150422. *Coker 100, Strain 6*. 150424. *Stoneville 2B* (8275).150425 and 150426. *Pistacia vera* L. Anacardiaceae.

Pistachio.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Feb. 13, 1945.

150425. Selection (0-24-1). From P. I. 86372.

150426. Selection (0-10-18). From P. I. 86372.

150427 to 150431.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received March 5, 1945.

150427. *Anthoschmidtia bulbosa* (Stapf) Peter. Poaceae.

For previous introduction see 142051.

150428. *Citrullus vulgaris* Schrad. Cucurbitaceae.

Watermelon.

Karkoer.150429. *Eragrostis brizantha* Nees. Poaceae.

For previous introduction see 146710.

150430. *Eragrostis echinoclodea* Stapf.

For previous introduction see 145874.

150431. *Eragrostis obtusa* Munro.

For previous introduction see 133178.

150432. ECHEVERIA ARIZONICA (Rose) Kearney & Peebles. Crassulaceae.

From Arizona. Seeds collected by J. Pinckney Hester, Fredonia. Received Feb. 14, 1945.

No. 770. From limestone crevices on southern slope of Virgin Mountains, Nevada. Altitude 2,000 feet. Jan. 28, 1945.

150433. NICOTIANA RUSTICA L. Solanaceae. **Aztec tobacco.**

From Maryland. Seeds presented by the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 15, 1945.

150434. ASCLEPIAS CURASSAVICA L. Asclepiadaceae. **Bloodflower.**

From Nicaragua. Seeds presented by Edward L. Tanner, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 15, 1945.

Collected at El Recreo at an altitude of 100 feet.

150435. AVENA SATIVA L. Poaceae. **Oats.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 16, 1945.

Lectoria (CI 3392). Grown at Stuttgart, Ark.

150436. GOSSYPIUM. Malvaceae. **Cotton.**

From New Guinea. Seeds presented by Pvt. Arthur P. Stabler, through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 16, 1945.

Collected near Buma.

150437. MENTHA sp. Menthaceae.

From Iran. Seeds presented by Dr. and Mrs. Sohrab Sohraby, Iranian Legation, Washington, D. C., through J. R. Magness, Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 16, 1945.

Chanbalile. Used as a potherb in Iran.

150438. ACTINIDIA CHINENSIS Planch. Dilleniaceae. **Yangtao.**

From China. Seeds presented by Dr. F. Dickinson, Chengtu, Szechwan, through C. B. Wiggans, Stark Bros. Nurseries, Louisiana, Mo. Received Feb. 19, 1945.

Mao Li Tsi.

150439. STRYCHNOS NUX-VOMICA L. Loganiaceae.

From India. Seeds obtained from the American Consul, Madras, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 19, 1945.

For previous introduction see 145798.

150440 to 150447. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 20, 1945.

150440. *Mohawk*.

150444. 47156.

150441. *Earlaine*.

150445. 46952.

150442. *Menominee*.

150446. 96-56.

150443. 47102.

150447. 627-126.

150448 to 150467.

From Mexico and Central America. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Feb. 21, 1945.

Originally received as seeds or plants collected by Dr. David Fairchild.

150448. *ALLIUM CEPA* L. Liliaceae.

Onion.

No. 3158. From market, Mérida, Yucatán, Mexico. Dec. 6, 1944.

A red-skinned variety of peculiar shape and excellent flavor.

150449 to 150452. *ANNONA CHERIMOLA* Mill. Annonaceae.

Cherimoya.

150449. From Guatemala. Sent in without number or notes.

150450. No. 3101. A large-fruited form from Guatemala.

150451. No. 3103. From the Casa Popenoe garden, Antigua, Guatemala. Sept. 21, 1944.

150452. No. 3105. From the city of Guatemala. Sept. 16, 1944. The usual small form.

150453. *ATALANTIA CITROIDES* Guillem. Rutaceae.

No. 3123. From the Lancetilla Experiment Station, Tela, Honduras, Oct. 15, 1944. A tree about 12 feet high, with small, round, yellow fruits about $\frac{3}{4}$ inch in diameter that have scanty flesh.

For previous introduction see 142552.

150454. *CALOCARPUM VIRIDE* Pittier. Sapotaceae.

Green sapote.

No. 3144. From Coban, Guatemala, Nov. 17, 1944. A handsome tree 60 feet tall, with greenish-brown, oval, edible fruits that are sold in the market.

For previous introduction see 146195.

150455. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 3165. On road from Mérida to Chichen Itza, Yucatán, Mexico, Dec. 5, 1944. Fruit the size of a pigeon egg, deep red.

150456. *CHAMAEDOREA* sp. Phoenicaceae.

Palm.

No. 3148. From Coban, Guatemala, November 1944. A cluster palm with long slender racemes of black berries on scarlet pedicels.

For previous introduction see 147640.

150457. *HUFELANDIA ANAY* Blake. Lauraceae.

Anay.

No. 3107. From Guatemala, October 1944. A relative of the avocado. It becomes a huge tree with dark-red bark that flakes off. The purplish-black fruits, 4 to 6 inches long, are slender-pyriform.

For previous introduction see 80500.

150458. *HYLOCEREUS TRIANGULARIS* (L.) Britt. & Rose. Cactaceae. Pitahaya.

No. 3153. From Antigua, Guatemala, October 1944. A slender, climbing cactus 20 feet or more high, with long white flowers and large edible fruits that have juicy, magenta-colored flesh.

150459. *JUGLANS MOLLIS* Engelm. Juglandaceae.

Walnut.

No. 3136. From San Pedro, Guatemala, Nov. 10, 1944. A tall straight tree with a trunk $1\frac{1}{2}$ feet in diameter. The small, roundish nuts have scanty meat of good flavor.

150460. (Undetermined.)

No. 3145. From Alta Vera Paz, Guatemala, Nov. 17, 1944. A climbing liliaceous plant said to have pink, campanulate flowers.

150461 and 150462. *PERSEA AMERICANA* Mill. Lauraceae.

Avocado.

150461. No. 3135. From the market, Antigua, Guatemala, Nov. 12, 1944. A Mexican type, with small oblong fruits.

150462. No. 3156. From Chichen Itza, Yucatán, Mexico, Dec. 3, 1944. *Car-men*. A West Indian type, with large round fruits of delicious flavor.

150448 to 150467—Continued

150463. *PAIDIMUM MOLLE* Bertol. Myrtaceae.

Guava.

No. 3120. From road near Tegucigalpa, Honduras, Oct. 13, 1944. A low (4 feet high) bushy plant with lemon-yellow fruits that are 1 inch in diameter. The fruits are juicy and have a delicate strawberry aroma.

150464. *QUERCUS SKINNERI* Benth. Fagaceae.

Oak.

No. 3149. From Coban, Guatemala, Nov. 19, 1944. A huge tree, 60 to 70 feet tall, that bears large acorns 2 inches in diameter.

150465. *SPONDIAS* sp. Anacardiaceae.

No. 3115. From the market, Antigua, Guatemala. Fruits small, yellow, of good flavor.

150466. *TBOOMA* sp. Bignoniaceae.

No. 3134. From San Juan Obispo road near Antigua, Guatemala, Oct. 5, 1944. A small tree with large, showy, yellow flowers.

150467. *TRIBROMA BICOLOR* (Humb. & Bonpl.) O. F. Cook. Sterculiaceae.

No. 3118. From market, Escuintla, Guatemala, Sept. 29, 1944. *Patashite*. Fruits large, thick-shelled, filled with large flat seeds that are surrounded by stringy yellow flesh.

For previous introduction see 80708.

150468 to 150525. *SORGHUM VULGARE* Pers. Poaceae.

Sorghum.

From Egypt. Seeds presented by Harold Myers, Foreign Economic Administration, through the American Legation, Cairo. Received Feb. 21, 1945.

Collected at Wad Medani, Anglo-Egyptian Sudan.

150468. No. 1.	150497. No. 30.
150469. No. 2.	150498. No. 31.
150470. No. 3.	150499. No. 32.
150471. No. 4.	150500. No. 33.
150472. No. 5.	150501. No. 34.
150473. No. 6.	150502. No. 35.
150474. No. 7.	150503. No. 36.
150475. No. 8.	150504. No. 37.
150476. No. 9.	150505. No. 38.
150477. No. 10.	150506. No. 39.
150478. No. 11.	150507. No. 40.
150479. No. 12.	150508. No. 41.
150480. No. 13.	150509. No. 42.
150481. No. 14.	150510. No. 43.
150482. No. 15.	150511. No. 44.
150483. No. 16.	150512. No. 45.
150484. No. 17.	150513. No. 46.
150485. No. 18.	150514. No. 47.
150486. No. 19.	150515. No. 48.
150487. No. 20.	150516. No. 49.
150488. No. 21.	150517. No. 50.
150489. No. 22.	150518. No. 51.
150490. No. 23.	150519. No. 52.
150491. No. 24.	150520. No. 53.
150492. No. 25.	150521. No. 54.
150493. No. 26.	150522. No. 55.
150494. No. 27.	150523. No. 56.
150495. No. 28.	150524. No. 57.
150496. No. 29.	150525. No. 58.

150526 and 150527. MALUS SYLVESTRIS Mill. Malaceae.**Apple.**

From New Jersey. Scions presented by Dr. M. A. Blake, Agricultural Experiment Station, New Brunswick. Received Feb. 22, 1945.

150526. *Campfield*.

150527. *Harrison*.

150528 to 150538. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 27, 1945.

150528. *Connecticut Cuban* (Type 61).

150529. *Florida Sumatra* (Type 62).

150530. *Judy's Pride White Burley* (Type 31).

150531. *Madole* (Type 22).

150532. *Maryland Medium Broadleaf* (Type 32).

150533. *One Sucker* (Type 35).

150534. *Pennsylvania Broadleaf* (Type 41).

150535. *Pennsylvania Havana* (Type 53).

150536. *Virginia Bright* (Types 11 and 14).

150537. *White Stem Orinoco* (Types 11 and 14).

150538. *Yellow Pryor* (Types 11 and 14).

150539. POLYGALA COWELLII (Britton) Blake. Polygalaceae.**Violet tree.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Feb. 23, 1945.

A beautiful deciduous tree about 20 feet high, with elliptic to obovate leathery leaves; the violet-purple flowers, $\frac{1}{2}$ inch long, in 4- to 10-flowered racemes, appear in February, before the leaves. The tree is native to Puerto Rico.

For previous introduction see 150192.

150540. ACTINIDIA CHINENSIS Planch. Dilleniaceae.**Yangtao.**

From China. Seeds presented by Dr. Frank Dickinson, West China Union University, Chengtu, Szechwan, through the American Embassy, Chengtu. Received Feb. 23, 1945.

Mao Li Tsi.

For previous introduction see 150438.

150541 and 150542. PISTACIA VERA L. Anacardiaceae.**Pistachio.**

From California. Trees growing at the United States Plant Introduction Garden, Chico. Numbered March 1, 1945.

150541. Selection (0-11-18) from P. I. 86372.

150542. Selection (0-A-1) from P. I. 80454.

150543 and 150544.

From Panama. Seeds presented by W. C. Brister, Director of the Food Supply Division, Office of Coordinator of Inter-American Affairs. Received Feb. 27, 1945.

Collected by Dick R. Forrester, Institute of Inter-American Affairs, in lowlands of Panama, January 1945.

150543. *CASSIA* sp. *Caesalpiniaceae*.

150544. *DESMODIUM* sp. *Fabaceae*.

150545 to 150547. *BETA VULGARIS* L. *Chenopodiaceae*.

Common beet.

From Maryland. Seeds obtained from the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 27, 1945.

150545. US 200 X 215 - 1-7-00.

150546. US 215 X 216 - 1-10-00.

150547. US 22 - 922.

150548 to 150550.

From Canada. Seeds presented by T. M. Stephenson, Dominion Agronomist, Central Experimental Farm, Ottawa. Received Feb. 28, 1945.

150548. *FESTUCA RUBRA* L. *Poaceae*.

Red fescue.

Duraturf Fescue.

150549 and 150550. *PELLETUM PRATENSE* L. *Poaceae*.

Timothy.

150549. *Drummond*. From MacDonald College, St. Anne de Bellevue, Quebec.

150550. *Dural*. From the University of Manitoba, Winnipeg.

150551 and 150552.

From England. Seeds presented by Clarence Elliott, Six-Hills Nursery, Stevenage. Received March 1, 1945.

150551. *ALLIUM CEPA* L. *Liliaceae*.

Onion.

Four-Ready.

150552. *ALLIUM FISTULOSUM* L.

Welsh Onion.

For previous introduction see 149140.

150553. *Gossypium*. *Malvaceae*.

Cotton.

From the Solomon Islands. Seeds collected by Roy A. Chandler, R. M. 1/C, United States Navy. Received March 5, 1945.

Collected on Buvianna Island, near Munda Point, New Georgia, and Rendova.

150554. *SACCHARUM*. *Poaceae*.

Sugarcane.

From the Union of South Africa. Cuttings obtained from the Sugarcane Experiment Station, Mount Edgecombe, Natal. Received March 3, 1945.

150555 to 150572.

From Asia. Seeds collected by W. C. Lowdermilk, Soil Conservation Service, United States Department of Agriculture. Received Feb. 22, 1945.

Unless otherwise indicated, seeds were collected in China.

150555. *AGROSTIS SIMPSONII* BOISS. *Poaceae*.

BN-3643. From Afghanistan.

For previous introduction see 150127.

150556. *AGROSTIS STOLONIFERA* L. *Poaceae*.

BN-3644.

For previous introduction see 107449.

150557. *ASTRAGALUS* sp. *Fabaceae*.

BN-3645.

150558. *ERGOPTIS ERIOCHLOA* L. *Poaceae*.

BN-3647.

For previous introduction see 133153.

150555 to 150572—Continued

150559. *ELYMUS CHINENSIS* (Trin.) Keng. Poaceae. Wild-rye.

BN-3644. From Siberia.

For previous introduction see 135580.

150560. *ELYMUS DASYSTACHYS* Trin.

BN-3645.

For previous introduction see 114241.

150561. *ELYMUS* sp.

BN-3643.

150562. *ELYMUS* sp.

BN-3642.

150563. *LEPIDEZA* sp. Fabaceae.

BN-3646.

150564. *MEDICAGO RUTHENICA* (L.) Trautv. Fabaceae.

BN-3640. From Siberia.

For previous introduction see 107687.

150565. *MELICA RADULA* Franch. Poaceae.

Grass.

BN-3634.

150566. *ORYZOPSIS* sp. Poaceae.

Grass.

BN-3639.

150567. *PENNISETUM ALOPECUROIDES* (L.) Spreng. Poaceae.

Grass.

BN-3638. From western India.

150568. *PENNISETUM FLACCIDUM* Griseb.

BN-3637. From the Himalayas.

For previous introduction see 147815.

150569. *PENNISETUM* sp.

BN-3636.

For previous introduction see 109120.

150570. *GLYCINE USSURIENSIS* Regel & Mack. Fabaceae.

BN-3641.

150571. *SOPHORA DAVIDI* (Franch.) Skeels. Fabaceae.

Vetchleaf sophora.

BN-3635.

150572. *STEPHANACHNE NIGRESCENS* Keng. Poaceae.

Grass.

BN-3651.

150573 and 150574. *PISTACIA VERA* L. Anacardiaceae. Pistachio.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered March 3, 1945.

150573. Selection (O-22-25) from P. I. 86370.

150574. Selection (O-24-10) from P. I. 86372.

150575 to 150577.

From Florida. Plants purchased from the Glen St. Mary Nurseries, Glen St. Mary. Received March 5, 1945.

150575 and 150576. *VITIS*. Vitaceae.

Grape.

150575. *Beacon*.

150576. *Concord*.

150577. *VITIS ROTUNDIFOLIA* Michx.

Muscadine grape.

Thomas.

150578. DIOSPYROS KAKI L. f. Diospyraceae. Kaki persimmon.

From France. Seeds presented by Pfc. H. W. Iwamasa, United States Army.
Received March 6, 1945.

Fruits globose, about 4 inches in diameter, bright orange; the flesh is firm, orange, very sweet, and nonastringent.

150579 to 150588. NICOTIANA TABACUM L. Solanaceae.

Common tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received March 13, 1945.

150579. *Cash.*

150580. *Connecticut Broadleaf.*

150581. *Gold Dollar.*

150582. *Maryland Connecticut Broadleaf.*

150583. *Pennsylvania Broadleaf.*

150584. *Virginia Bright.*

150585. *White Burley.*

150586. *White Stem Orinocco.*

150587. *Xanthi (Turkish).*

150588. *Jamaica.*

150589. ZIZIPHUS JUJUBA Mill. Rhamnaceae.

Jujube.

From Texas. Trees purchased from Ramsey's Austin Nursery, Austin. Received March 13, 1945.

For previous introduction see 122595.

150590 to 150603.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received Feb. 27, 1945.

150590. AXONOPUS SUFFULTUS (Trin.) Parodi. Poaceae.

No. 461.

150591. BROMUS AULETICUS Nees. Poaceae.

No. 544. Originally from San Pedro del Timote (Florida).

150592. BOUTELOUA MEGAPOTAMICA (Spreng.) Kuntze. Poaceae.

No. 6.

For previous introduction see No. 134734.

150593. LOTUS TETRAGONOLBUS L. Fabaceae.

No. 39.

For previous introduction see 67271.

150594. PANICUM sp. Poaceae.

No. 589.

150595. PENNISETUM LATIFOLIUM Spreng. Poaceae.

No. 4644.

150596. PENNISETUM NERVOSUM (Nees) Trin.

No. 620. Originally from the Facultad Agronomía, Buenos Aires, Argentina.

150597. PHALARIS PLATENSIS (Arech.) Valencia. Poaceae.

No. 50.

150598. SESBANIA MARGINATA Benth. Fabaceae.

No. 149. Originally from Pajas Blancas (Montevideo).

150590 to 150603—Continued

150599. *STIPA BAVIOENSIS* Speg. Poaceae.

No. 946. Originally from Santa Clara del Timote (Florida).

150600. *STIPA CHARRUANA* Arech.

Feathergrass.

No. 890.

For previous introduction see No. 62055.

150601. *STIPA MEGAPOTAMICA* Trin.

No. 893.

150602. *STIPA NEESIANA* Trin. & Rupr.

No. 666.

150603. *VICIA ATROPURPUREA* Desf. Fabaceae.

Vetch.

No. 226.

For previous introduction see No. 148393.

150604. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Peru. Seeds obtained from the Estación Experimental Agrícola de La Molina, through H. W. Alberts, Agricultural Adviser, American Embassy, Lima. Received March 15, 1945.

Maria Escobar.

150605 to 150609.

From Tunisia. Seeds presented by Clarkson J. Beall, Foreign Economic Administration, through the American Consulate, Tunis. Received Feb. 6, 1945.

150605 to 150607. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Service Botanique, Ariana.

150605. *Cowra*.150606. *Escourgeon—Lime 4-A*.150607. *Escourgeon—Lime 14-J*.150608 and 150609. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

150608. *Florence Aurora*. From Boglio.150609. *Florence Aurora*. From Ventugue.150610 to 150616. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Chile. Seeds obtained from the Departamento de Genetica, Ministerio de Agricultura, Santiago. Received March 19, 1945.

150610. *H. 194 - 89*. Row 2357.150614. *H. 195 - 45*. Row 2415.150611. *H. 195 - 12*. Row 2378.150615. *H. 196 - 21*. Row 2525.150612. *H. 195 - 13*. Row 2379.150616. *H. 196 - 37*. Row 2543.150613. *H. 195 - 39*. Row 2409.150617 to 150625. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 19, 1945.

150617. *Aoda*.150622. *Ogden*.150618. *Arksoy-2913*.150623. *Ral soy*.150619. *Cherokee*.150624. *Rokusun-17*.150620. *Delsoy*.150625. *Volstate*.150621. *Hahto-1*.

150626 to 150644.

From Eritrea. Seeds presented by H. E. Myers, Foreign Economic Administration, Cairo, Egypt. Received March 13, 1945.

150626. ELEUSINE CORACANA (L.) Gaertn. Poaceae. African millet.

No. 14. *Dagussa*. Originally grown in Asmara, Hamasien District; altitude 6,700 feet.

For previous introduction see 124569.

150627 and 150628. ERAGROSTIS TEF (Zuccagni) Trotter. Poaceae. Teff.

150627. No. 12. *Cingher*. Originally grown in Asmara, Hamasien District; altitude 6,700 feet.

150628. No. 13. *Caieh*. Originally grown in Asmara, Hamasien District; altitude 6,700 feet.

150629 and 150630. PENNISETUM GLAUCUM (L) R. Br. Poaceae. Pearl millet

150629. No. 1. *Bultuk, Amir*. Originally grown in Keren; altitude 3,000 feet.

150630. No. 2. *Bultuk, Efeti*. Originally grown in Keren; altitude 3,000 feet.

150631 to 150644. SORGHUM VULGARE Pers. Poaceae. Sorghum.

150631. No. 11. *Zengheda*. Originally grown on Hazamo Plain, Acchele Guzai Division; altitude 3,800 feet.

150632. No. 3. *Mescela, Helo*. Originally grown in Godofellassi, Serai Division; altitude 5,200 feet.

150633. No. 4. *Mescela, Goden*. Originally grown in Godofellassi, Serai Division; altitude 5,200 feet.

150634. No. 5. *Mescela, Amighe Caieh*. Originally grown in Godofellassi, Serai Division; altitude 5,200 feet.

150635. No. 6. *Mescela, Amighe Caieh Zaada*. Originally grown in Godofellassi, Serai Division; altitude 5,200 feet.

150636. No. 7. *Mescela, Amighe Caieh Zaada*. Originally grown in Godofellassi, Serai Division; altitude 5,200 feet.

150637. No. 8. *Mescela, Cumbilu*. Originally grown in Debarua, Serai Division; altitude 5,400 feet.

150638. No. 9. *Mescela, Cumbilu*. Originally grown in Debarua, Serai Division; altitude 5,400 feet.

150639. No. 10. *Mescela, Ud Subbuh*. Originally grown in Tacala, Serai Division; altitude 5,800 feet.

150640. No. 15. *Mescela, Cassabi*. Originally grown in Tessenei; altitude 1,600 feet.

150641. No. 16. *Mescela, White Aclamai*. Originally grown in Tessenei; altitude 1,600 feet.

150642. No. 17. *Mescela, Aclamai*, a red variety. Originally grown in Tessenei; altitude 1,600 feet.

150643. No. 18. *Mescela, Emesi*. Originally grown in Tessenei; altitude 1,600 feet.

150644. No. 19. *Mescela, Mocud*. Originally grown in Tessenei; altitude 1,600 feet.

150645. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Ethiopia. Presented by H. E. Myers, Foreign Economic Administration, Cairo, Egypt. Received March 13, 1945.

Mixed Ethiopian wheat varieties.

150646. PISTACIA. Anacardiaceae. Pistachio.

From California. Plant growing at the United States Plant Introduction Garden, Chico. Numbered March 23, 1945.

Selection No. 23 (D-20-7) from *Pistacia vera* (P. I. 73396).

150647. AMYGDALUS PERSICA var. NECTARINA Ait. Amygdalaceae. Nectarine.

From New Jersey. Trees presented by M. A. Blake, Agricultural Experiment Station, New Brunswick. Received March 24, 1945.

Garden State Nectarine.

For previous introduction see 148622 and 148624.

150648 to 150650. MALUS. Malaceae.

From England. Scions obtained from W. Hopwood & Sons, Cheltenham. Received March 24, 1945.

150648. *Dabinett.*

150650. *Royal Wilding.*

150649. *Major.*

150651 and 150652.

From Maryland. Seeds presented by the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received March 26, 1945.

150651. *NICOTIANA ALATA* Link & Otto. Solanaceae.

Winged tobacco.

For previous introduction see 111004.

150652. *NICOTIANA LONGIFLORA* Cav.

For previous introduction see 119107.

150653. SORGHUM VULGARE Pers. Poaceae.

Sorghum.

From Egypt. Seeds presented by H. Myers, Foreign Economic Administration, American Legation, Cairo, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received March 5, 1945.

Kavirondo.

150654. GODMANIA AESCULIFOLIA (H.B.K.) Standl. Bignoniaceae.

From the Canal Zone. Seeds presented by Walter R. Lindsay, Director, Canal Zone Experiment Gardens, Summit. Received March 5, 1945.

150655 and 150656.

From Brazil. Seeds presented by Lawrence P. Rocha, Program Officer for the Coordinator of Inter-American Affairs, Rio de Janeiro. Received March 5, 1945.

150655. *VIGNA SESQUIPEDALIS* (L.) Fruwirth. Fabaceae.

Asparagus-bean.

Meter.

150656. *VIGNA SINENSIS* (Torner) Hassk.

Cowpea.

Maccasar.

150657. PISUM SATIVUM L. Fabaceae.

Pea.

From Connecticut. Seeds presented by F. R. Woodruff & Sons, Milford. Received March 26, 1945.

Miracle.

150658 to 150661.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 26, 1945.

150658. *ATROPA BELLADONNA* L. Solanaceae.

Belladonna.

For previous introduction see 150384.

150659. *CARUM CARVI* L. Apiaceae.

Caraway.

For previous introduction see 149600.

150658 to 150661—Continued

150660. *CORIANDRUM SATIVUM* L. Apiaceae.

Coriander.

For previous introduction see 149778.

150661. *HYOSCYAMUS NIGER* L. Solanaceae.

Henbane.

For previous introduction see 149621.

150662. *PISUM SATIVUM* L. Fabaceae.

Pea.

From Illinois. Seeds presented by Rogers Bros. Seed Co., Chicago. Received March 26, 1945.

*Rogers Ace.*150663 to 150685. *ZEA MAYS* L. Poaceae.

Corn.

From Argentina. Seeds presented by Antonio E. Marino, Ministerio de Agricultura, Buenos Aires. Received April 27, 1945.

150663. *Amarillo Canario.*150664. *Anargo Cuarenton.*150665. *Cuarenton Colorado.*150666. *Long White Flint.*150667. *Col. Klein* × *Long White Flint.*

150668. 44. 7. 89.

150669. 44. 7. 9. 7. Yellow, very early.

150670. 44. 1896. Yellow, early.

150671. 44. 1046 × 43. 1044. Early.

150672. 43. F83 × 43. F 82. Early.

150673. 44. 1200.

150674. 44. 839. *Cuarenton K.*150675. IEIA. 43. 53. C. ((*Wisconsin fl.* × *Bb 322*) × *BV 112.*)150676. IEIA. 51. C. ((*E 141* × *Dent*) × *B. V. 112*) C.150677. IEIA. 43. 42. ((*Dent* × *AO112*) × *AO112*) C.150678. IEIA. 42. 40 ((*Dent* × *AO 112*) × *AO112*) C.

150679. IEIA. 43. 2039. (Sib.) Inbred for 7 generations.

150680. IEIA. 43. 2041. (Sib.) Inbred for 10 generations.

150681. IEIA. 43. 339. (*Dent* × *flint.*) F₃.150682. IEIA. 43. 35. ((*Flint* × *dent.*) × *flint*) C. Selfed.150683. IEIA. 43. 330. F₃ *dent* × *flint.*

150684. IEIA. 43. 352. From open-pollinated Wisconsin hybrid selfed 2 generations.

150685. IEIA. 43. 2040. A G 533. From an open-pollinated variety selfed for 7 generations.

150686. *MELINIS MINUTIFLORA* Beauv. Poaceae. Molasses grass.

From Venezuela. Seeds obtained through the American Embassy, Caracas. Received March 28, 1945.

For previous introduction see 148739.

150687 and 150688. *PISUM SATIVUM* L. Fabaceae.

Pea.

From Connecticut. Seeds presented by the Associated Seed Growers, New Haven. Received March 28, 1945.

150687. *Early Harvest.*150688. *Shasta.*

150689. MEDICAGO SATIVA L. Fabaceae.**Alfalfa.**

From Guatemala. Seeds presented by W. C. Davis, Estación Experimental de Cinchona "La Aurora," Guatemala City. Received March 26, 1945. From Finca Retana, altitude 5,000 feet, near Antigua. Seeds said to have been first brought from Spain about 200 years ago.

150690 and 150691. MALUS. Malaceae.**Apple.**

From Iowa. Scions presented by Prof. T. W. Maney, Agricultural Experiment Station, Ames. Received March 29, 1945.

150690. *Mercer County*. Seedling, green type.

150691. *Mercer County*. Seedling, red type.

150692. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From Ecuador. Seeds collected by Lewis P. McCann, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received March 29, 1945.

A local variety collected near Alajuela, Manaba Province, and sent from the Estación Experimental Agrícola del Ecuador, Quito.

150693 to 150698.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in April 1945.

Plants grown originally from seed or plant material collected in various parts of the world.

150693. MUSSAENDA ERYTHROPHYLLA Schum. & Thonn. Rubiaceae.

From Papeari, Tahiti. Seeds presented by Harrison W. Smith, through Dr. David Fairchild, Coconut Grove, March 13, 1944.

For previous introduction see 99603.

150694. CAPSICUM FRUTESCENS var. BACCATUM (L.) Irish. Solanaceae.

From the Forest Cabin Canyon, Boboquivari Mountains, southern Arizona. Seeds collected by Leslie N. Goodding, Soil Conservation Service, Tucson, Ariz., April 14, 1944. Plants lower but more erect than the type.

For previous introduction see 97963.

150695. (Undetermined.)

From the Amazon Basin, Brazil. Seeds collected by Lt. Walter Williamson of Coconut Grove, Fla., in 1944. A pinnate-leaved palm with silver-gray foliage.

150696. PASSIFLORA sp. Passifloraceae.

From the market, Antigua, Guatemala, Sept. 21, 1944. Seeds collected by Dr. David Fairchild. The hard-shelled, orange-yellow, oval fruits are more than 2 inches long.

150697. ANNONA sp. Annonaceae.

No. 3109. Seeds collected on road from Esquintla to Antigua, Guatemala, near the Finca Candellaria, by Dr. David Fairchild, Oct. 2, 1944. A tree 30 feet high with rough gray bark. The small, yellowish-gray, round fruits are 1½ inches in diameter.

150698. SABAL NEMATOCLODA Burret. Phoenicaceae.**Palm.**

From Peten, Guatemala. Seeds collected by O. F. Cook in 1923. A stout, spineless, fan-leaved palm, with small, dark, globose fruits on long, branching spadices.

150699 to 150703.

From Nigeria. Seeds presented by K. H. Prior, Awka. Received March 26, 1945.

150699. CALOPOGONIUM MUCUNOIDES Desv. Fabaceae.

For previous introduction see 143801.

150699 to 150703—Continued

150700. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

For previous introduction see 117926.

150701. *CROTALARIA RETUSA* L. Fabaceae.

For previous introduction see 145102.

150702. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae.

For previous introduction see 145021.

150703. *STIZOLOBIUM* sp. Fabaceae.

For previous introduction see 148991.

150704 to 150706.

From Svalöf, Sweden. Seeds presented by the Swedish Legation, through the American Embassy, Bogotá, Colombia. Received March 26, 1945.

150704. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

150705. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

150706. *LOLIUM PERENNE* L.

Perennial ryegrass.

150707. *SCHOENOCALON OFFICINALE* (Schlecht.) Benth. *Melanthia-*
ceae. *Cebadilla.*

From Venezuela. Seeds presented by Carlos Urdaneta Carrillo, through the American Embassy, Caracas. Received March 27, 1945.

Collected between Victoria and Colonia Tovar.

For previous introduction see 109985.

150708. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Minnesota. Tubers presented by F. A. Krantz, University of Minnesota, St. Paul. Received April 2, 1945.

*Kasota.*150709. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Ohio. Trees presented by the Agricultural Experiment Station, Wooster. Received April 4, 1945.

*Melrose (Jonathan × Delicious).*150710 to 150712. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Peru. Seeds presented by Prof. Teodora Boza Barducci, Estación Experimental Agrícola de La Molina, Lima. Received April 4, 1945.

150710. *Maria Escobar.*150711. *Maria Escobar.* Linaje 214-43.150712. *N. A. 101.*150713. *GOSSYPIUM.* Malvaceae.

Cotton.

From Georgia. Seeds obtained from the Agricultural Experiment Station, Experiment. Received April 4, 1945.

*Empire.*150714. *PYRUS COMMUNIS* L. Malaceae.

Common pear.

From Texas. Seeds obtained from Edward Teas, Teas Nursery Co., Houston. Received April 6, 1945.

Henderson.

150715. LITCHI PHILIPPINENSIS Radlk. Sapindaceae.

Philippine lychee.

From Honduras. Seeds presented by V. E. Scott, Tela Railroad Co., Tegucigalpa. Received April 6, 1945.

A Philippine relative of the lychee (*Litchi chinensis*). The tree is about 50 feet high, with dark-green pinnate leaves similar to those of the lychee, and roundish oblong fruits about an inch long borne in loose terminal clusters. The tough leathery shell encloses scanty edible pulp in which is embedded a relatively large seed. This seed is roasted and eaten. The tree may have value as a stock for the lychee (*L. chinensis*).

For previous introduction see 106804.

150716 to 150732.

From Massachusetts. Trees purchased from F. W. Schumacher, Jamaica Plain. Received April 9, 1945.

150716. ALNUS JAPONICA Sieb. & Zucc. Betulaceae. **Japanese alder.**

150717. ALNUS RUGOSA (Du Roi) Spreng. Betulaceae. **Hazel alder.**

150718. BETULA LENTA L. Betulaceae. **Birch.**

150719. CATALPA OVATA DON. Bignoniaceae. **Japanese catalpa.**

150720. CATALPA SPECIOSA Warder.

150721. CINNAMOMUM CAMPHORA (L.) Nees & Eberm. Lauraceae. **Camphor-tree.**

150722. CUPRESSUS FORBESII Jepson. Pinaceae.

150723. FRAXINUS PENNSYLVANICA VAR. LANCEOLATA (Borkh.) Sarg. Oleaceae. **Ash.**

150724. FRAXINUS NIGRA Marsh. **Ash.**

150725. FRAXINUS QUADRANGULATA Michx. **Ash.**

150726. JUNIPERUS SCOPULORUM Sarg. Pinaceae. **Juniper.**

150727. PINUS DENSIFLORA Sieb. & Zucc. Pinaceae. **Japanese red pine.**

150728. PINUS ECHINATA Mill. **Pine.**

150729. PINUS FLEXILIS James. **Pine.**

150730. PINUS PONDEROSA VAR. SCOPULORUM Engelm. **Pine.**

150731. PINUS RIGIDA Mill. **Pine.**

150732. TAXODIUM DISTICHUM (L.) Rich. **Baldcypress.**

150733. SCHONEOCAULON OFFICINALE (Schlecht.) A. Gray. Melanthiaceae.

From Venezuela. Seeds presented by J. H. Kempton, Agricultural Attaché, American Embassy, Caracas. Received April 9, 1945.

*Cebadilla.*150734 to 150736. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

From New York. Trees obtained from the Agricultural Experiment Station, Geneva. Received April 9, 1945.

150734. No. 8347.

150735. No. 8380.

150736. No. 9438.

150737. MALUS BACCATA (L.) Moench. Malaceae. **Siberian crab.**

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received April 9, 1945.

150738. AGROPYRON TRACHYCAULUM (Link) Malte. Poaceae. Slender wheatgrass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 10, 1945.

150739 to 150742. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 10, 1945.

150739. *Hairy Peruvian.*

150740. *Arizona Chilean.*

150741. *India.*

150742. *African Hegazi.*

150743 to 150748. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Canada. Scions presented by M. B. Davis, Central Experimental Farm, Ottawa. Received April 10, 1945.

150743. *Alberta.*

150746. *Ottawa No. 155.*

150744. *Lennoxville.*

150747. *Simcoe.*

150745. *Muskoka.*

150748. *Timiskaming.*

150749. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From New York. Scions obtained from the Experiment Station, Geneva. Received April 9, 1945.

No. 15403. Milton × Stark.

150750 to 150752.

From Iran. Seeds presented by S. Schraby, Ispahan. Received April 17, 1945.

150750. *CUCUMIS MELO L. Cucurbitaceae.*

Muskmelon.

150751. *NIGELLA sp. Ranunculaceae.*

150752. *TRIGONELLA FOENUM-GRÆCUM L. Fabaceae.*

Fenugreek.

150753 and 150754. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Georgia. Seeds presented by B. B. Higgins, Agricultural Experiment Station, Experiment. Received April 17, 1945.

White-skinned varieties.

150753. *No. 18-59.*

150754. *Pearl No. 4.*

150755. ZEA MAYS L. Poaceae. Corn.

From Honolulu. Seeds presented by A. J. Mangelsdorf, Hawaiian Sugar Planters' Assoc.

Composite of crosses between *US 13, Iowa 4020-4318, and Hawaiian Yellow.*

150756 and 150757. ORYZA SATIVA L. Poaceae. Rice.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 18, 1945.

150756. *Gopher Upland (long grain).*

150757. *Gopher Upland (bold grain).*

150758 to 150761. ZEA MAYS L. Poaceae.**Corn.**

From Peru. Seeds presented by J. Zender, Estación Experimental Agrícola de La Molina, Lima. Received April 19, 1945.

150758. *Alazcan.*150760. *Arizona.*150759. *Amarillo Corriente.*150761. *Casilde.***150762 to 150769. GLYCINE MAX (L.) Merr. Fabaceae.****Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 18, 1945.

150762. *Hakote.*150766. *Macoupin.*150763. *Hokkaido.*150767. *Mandarin.*150764. *Hurrelbrink.*150768. *Midwest.*150765. *Imperial.*150769. *Rokusun A-1.***150770. PHASEOLUS PANDURATUS Mart. Fabaceae.**

From Brazil. Cuttings presented by B. B. Mackay, Agricultural Adviser, American Consulate, Recife. Received April 19, 1945.

150771. CARICA sp. Papayaceae.

From Argentina. Seeds presented by E. F. Schultz, Estación Experimental Agrícola, Tucumán. Received April 20, 1945.

150772. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae.**Kudzu-bean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 21, 1945.

150773. DIGITARIA CORYMBOSA (Roxb.) Merr. Poaceae.

From the Netherlands East Indies. Seeds collected by T/Sgt. Arthur J. Hopkins, United States Army Air Corps. Received April 21, 1945.

150774. AMYGDALUS PERSICA L. Amygdalaceae.**Peach.**

From Maryland. Trees purchased from Bountiful Ridge Nurseries, Princess Anne. Received April 24, 1945.

*Redskin.***150775 to 150779. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.****Sweetpotato.**

From Honolulu. Roots presented by A. J. Mangelsdorf, Experiment Station, Hawaiian Sugar Planters' Assoc. Received April 25, 1945.

150775. *Huamoa.*150778. *Tantalus.*150776. *Mohihi.*150779. *Waipio* (hairy stem).150777. *Pratt Kaneohe.***150780 and 150781. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 26, 1945.

150780. *Easycook.*150781. *Illini.***150782. LYCOPERSICON ESCULENTUM Mil. Solanaceae.****Tomato.**

From Palestine. Seeds presented by W. Chanan Oppenheimer, Jewish Agency Agricultural Research Station, Rehovot. Received April 26, 1945.

Canary Export.

150783. EUCALYPTUS sp. Myrtaceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered April 26, 1945.

Plants presented by Don Martin, Superintendent of Dade County Parks, Miami, who found this eucalypt especially good for ornamental field plantings. The seeds from which his plants grew came originally from the Arnold Arboretum, Jamaica Plain, Mass.

150784 to 150786.

From Venezuela. Seeds presented by R. Pinto Salvatierra, Director, Ministry of Agriculture and Animal Husbandry, Caracas. Received April 18, 1945.

150784. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

Durazno Criolla.

150785. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. Orange.

Chirgua.

150786. *PSIDIUM GUAJAVA* L. Myrtaceae. Guava.

Guayaba Parcha.

150787 to 150788.

From Uruguay. Presented by Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received April 18, 1945.

150787. *ERAGROSTIS CURVULA* (Schrud.) Nees. Poaceae.

For previous introduction see 149632.

150788. *LOLIUM SURULATUM* Vis. Poaceae.

For previous introduction see 149973.

150789 to 150796.

From Burma. Seeds collected by Jack McMillen along the Ledo Road. Received April 26, 1945.

150789. *CELOSIA* sp. Amaranthaceae. Cockscomb.

150790. *CORCHORUS OLITORIUS* L. Tiliaceae. Jute.

150791. *HIBISCUS SABDARIEFFA* L. Malvaceae. Roselle.

150792. *HIBISCUS* sp.

150793. *INDIGOFERA SUFFRUTICOSA* Mill. Fabaceae. Indigo.

150794. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.

150795. *OCIMUM BASILICUM* L. Menthaceae. Common basil.

No. 13.

150796. *TRAGOPOGON* sp. Cichoriaceae.

No. 10.

150797. CHLORIS BERROI Arech. Poaceae.

From Argentina. Seeds presented by Lorenzo R. Parodi, Buenos Aires. Received April 29, 1945.

For previous introduction see 92334.

150798 to 150801. ZEA MAYS L. Poaceae. Corn.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering. Beltsville. Received May 3, 1945.

150798. *Creole Yellow Flint.*

150800. *White Tuxpan.*

150799. *Mexican June.*

150801. *Yellow Tuxpan.*

150802 to 150815.

From California. Seeds purchased from Lester Rowntree, Carmel. Received May 3, 1945.

150802. *CEANOTHUS*. Rhamnaceae.

Blue Cloud.

150803. *CEANOTHUS GLORIOSUS* J. T. Howell.

150804. *CEANOTHUS DENTATUS* var. *IMPRESSUS* Trel.

150805. *CEANOTHUS MACROCARPUS* Nutt.

150806. *CEANOTHUS JEPSONI* var. *PURPUREUS* Jepson.

150807. *CEANOTHUS RAMULOSUS* var. *FASCICULARIS* McMinn.

150808. *CEANOTHUS THYRSIFLORUS* var. *REPENS* McMinn.

150809. *CEANOTHUS RIGIDUS* Nutt.

150810. *CEANOTHUS ROWEANUS* McMinn.

150811. *CEANOTHUS SPINOSUS* Nutt.

Theodore Payne.

150812. *CERCIS OCCIDENTALIS* A. Gray. Caesalpiniaceae.

Pink variety.

150813. *CERCIS OCCIDENTALIS* A. Gray.

White variety.

150814. *GARRYA FREMONTII* Torr. Rhamnaceae.

150815. *ROMNEYA COULTERI* Harv. Papaveraceae.

150816 to 150818. *ORYZA SATIVA* L. Poaceae.

Rice.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 3, 1945.

Seeds originally grown at the Rice Experiment Station, Crowley, La.

150816. *Fortuna.*

150817. *Nira.*

150818. *Rexoro.*

150819 to 150826.

From Uruguay. Seeds presented by Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received March 18, 1945.

150819. *BROMUS BREVIS* Steud. Poaceae.

No. 676.

For previous introduction see 76879.

150820. *BROMUS CATHARTICUS* Vahl.

Mixed strains.

For previous introduction see 142200.

150821. *BROMUS COLORATUS* Steud.

No. 932.

For previous introduction see 150144.

150822. *BROMUS TRINII* Desv.

No. 933.

150823 and 150824. *BROMUS URUGUAYENSIS* Arch.

150823. No. 675.

150824. No. 877.

150819 to 150826—Continued

150825. *CHLORIS GAYANA* Kunth. Poaceae.

Rhodes grass.

Mixed strains.

For previous introduction see 150307.

150826. *LATHYRUS PUBESCENS* Hook. & Arn. Fabaceae.

No. 186.

150827. *SOLANUM QUITOENSE* L. Solanaceae.

Naranjilla.

From Ecuador. Seeds presented by Lee Hines, Director, Estación Experimental Agrícola del Ecuador, Quito. Received April 26, 1945.

For previous introduction see 147347.

150828 to 150893. *ZEA MAYS* L. Poaceae.

Corn.

From Mexico. Seeds presented by E. J. Wallhausen, Geneticist, Rockefeller Foundation, Mexico, D. F. Received May 7, 1945.

150828. No. 1. From Baja California.

150829. No. 7. From Chiapas.

150830. No. 4. From Chihuahua.

150831. No. 14. From Chihuahua.

150832. No. 1. From Coahuila.

150833 to 150840. From Guanajuato.

150833. No. 20.

150837. No. 73.

150834. No. 38.

150838. No. 77.

150835. No. 44.

150839. No. 89.

150836. No. 56.

150840. No. 2.

150841 to 150850. From Jalisco.

150841. No. 35.

150846. No. 55.

150842. No. 36.

150847. No. 56.

150843. No. 47.

150848. No. 57.

150844. No. 50.

150849. No. 59.

150845. No. 52.

150850. No. 61.

150851. No. 7. From Veracruz.

150852 to 150870. From Jalisco.

150852. No. 72.

150862. No. 84.

150853. No. 73.

150863. No. 85.

150854. No. 74.

150864. No. 87.

150855. No. 75.

150865. No. 89.

150856. No. 77.

150866. No. 90.

150857. No. 78.

150867. No. 95.

150858. No. 80.

150868. No. 101.

150859. No. 81.

150869. No. 107.

150860. No. 82.

150870. No. 108.

150861. No. 83.

150871 to 150875. From the State of México.

150871. No. 8.

150874. No. 30.

150872. No. 9.

150875. No. 38.

150873. No. 25.

150828 to 150893—Continued

150876 to 150883. From Michoacán.

150876. No. 39.

150880. No. 54.

150877. No. 44.

150881. No. 64.

150878. No. 48.

150882. No. 69.

150879. No. 49.

150883. No. 73.

150884. No. 1. From Morelos.

150885. No. 19. From Morelos.

150886. No. 6. From Nayarit.

150887. No. 9. From Oaxaca.

150888. No. 14. From Oaxaca.

150889. No. 2. From Puebla.

150890. No. 30. From Puebla.

150891. No. 34. From Puebla.

150892. No. 2. From San Luis Potosí.

150893. No. 2. From Veracruz.

150894. *VITIS VINIFERA* L. Vitaceae.

European grape.

From Colombia. Plants presented by Ernesto Marino, Jefe, Departamento de Fruticultura, Estación Agrícola Experimental, Palmira. Received May 15, 1945.

Moscatel Morada (purple grape).

150895 to 150897.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 8, 1945.

150895 and 150896. *LACTUCA SATIVA* L. Cichoriaceae.

Garden lettuce.

150895. *Stobolt*.

150896. Head lettuce.

150897. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

Pan America.

150898. *CATALPA BIGNONIOIDES* Walt. Bignoniaceae.

From Massachusetts. Seeds purchased from F. W. Shumacher, Jamaica Plain. Received May 17, 1945.

150899 to 150910. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 12, 1945.

150899. *Asgrow Black Valentine*.150900. *Asgrow Stringless Green Pod*.150901. *Bountiful*.150902. *Brittle Wax*.150903. *Full Measure*.150904. *Giant Stringless Green Pod*.150905. *Idaho Refugee*.150906. *Improved Golden Wax*.150907. *Keensy's Stringless Green Refugee*.150908. *Low's Champion*.150909. *Red Valentine*.150910. *U. S. No. 5. Refugee*.

150911 to 150914. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 12, 1945.

150911. *Break O'Day*.

150913. *Pan America*.

150912. *Marglobe*.

150914. *Pritchard*.

150915. *PHOENIX DACTYLIFERA* L. Phoenicaceae.

Date palm.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 12, 1945.

Originally grown at the United States Date Garden, Indio, Calif.

Khadrawy × *Thoory*.

150916 to 150929.

From Texas and California. Seeds collected by W. T. Swingle. Received May 14, 1945.

150916 to 150919. *PONCIRUS TRIFOLIATA* × *CITRUS SINENSIS*. Rutaceae.

Citrange.

150916. *Carrizo*. From the Experiment Station, Winter Haven, Tex.

150917. CPB. 15137. From Uvalde, Tex.

150918. *Rustic*. From the Experiment Station, Winter Haven, Tex.

150919. *Cunningham*. From the Experiment Station, Winter Haven, Tex.

150920. *CITRUS*. Rutaceae.

Thomasville Citrangequat. From the Experiment Station, Winter Haven, Tex.

150921. *CITRUS PARADISI* × *PONCIRUS TRIFOLIATA*.

Citrumelo.

Sacaton. From the Experiment Station, Winter Haven, Tex.

150922. *CITRUS*.

Shequasha. From the Experiment Station, Winter Haven, Tex.

150923 to 150928. From the Citrus Experiment Station, Riverside, Calif.

150923. *CITRUS RETICULATA* × *PONCIRUS TRIFOLIATA*.

Citrandarin.

San Jacinto.

150924. *CITRUS AURANTIUM* L.

Seville orange.

Taiwanica.

150925. *CITRUS AURANTIFOLIA* (Christm.) Swingle.

CPB. 1153.

150926 to 150928. *CITRUS*.

150926. *Limelo*. CPB. 11045. - W.

150927. Philippine hybrid lemon. CPB. 7831.

150928. Philippine hybrid lemon. CPB. 10301.

150929. *FORTUNELLA MARGARITA* (Lour.) Swingle. Rutaceae.

From the Experiment Station, Winter Haven, Tex.

150930 to 150961.

From Mexico. Seeds presented by Ing. Dario L. Arrieta M., Dirección General de Agricultura, San Jacinto, D. F. Received May 1, 1945.

150930. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

From Llera, Tamaulipas.

150930 to 150961—Continued

150931. *PHASEOLUS COCCINEUS* L.

Scarlet runner bean.

Aluria Española. From Huehuetoca, State of México.150932. *PHASEOLUS COCCINEUS* L.*Ayocote*. From San Juan del Rio, Querétaro.150933. *PHASEOLUS LUNATUS* L.

Lima bean.

Blanco. From Mérida, Yucatán.150934 to 150961. *PHASEOLUS VULGARIS* L.

Common bean.

150934. *Amarillo Grande*. From Tlalnepantla, State of México.150935. *Amarillo*. From Guadalupe Victoria, Puebla.150936. *Amarillo*. From Atlixco, Puebla.150937. No. 14. *Amarillo Delgado*. From Tlalnepantla, State of México.150938. *Aluvia Chica*. From Tlalnepantla, State of México.150939. *Almendrillo*. From Silao Guanajuato.150940. No. 109. *Aluvia Chico*. From Tlalnepantla, State of México.150941. *Ayufracho*. From Ahuacatlan, State of México.150942. No. 120. *Bayo Gordo*. From Tlalnepantla, State of México.150943. No. 11. *Berrenco*. From Tlalnepantla, State of México.150944. *Blanco* or *Mantequilla*. From Guadalupe Victoria, Puebla.150945. *Bayo*. From Tenamaxtlan, Jalisco.150946. *Bayo Menudo*. From San Luis Potosí, San Luis Potosí.150947. No. 119. *Cacahuete Japones*. From Tlalnepantla, State of México.150948. *Canario*. From San Juan del Rio, Querétaro.150949. *Canebo*. From Lareto, Zacatecas.150950. *Canario*. From Lareto, Zacatecas.150951. *Cuarentino Ginda*. From Banjidal Leran, Guanajuato.150952. *Garabato*. From Tlalnepantla, State of México.150953. *Higuerillo*. From San Juan del Rio, Querétaro.150954. *Mantequilla*. From San Juan del Rio, Querétaro.150955. *Morado*. From Banjidal La Areina, Guanajuato.150956. No. 107. *Mantequilla*. From Tlalnepantla, State of México.150957. *Negro*. From Tlalnepantla, State of México.150958. *Negro*. From Zacatlan, Puebla.150959. *Negro*. From Mérida, Yucatán.150960. *Negro*. From San Matias Cholula, Puebla.150961. No. 92. *Panza de Puercos*. From Tlalnepantla, State of México.150962. *VIGNA SINENSIS* (Torner) Hassk. Fabaceae. Cowpea.

From Mexico. Seeds presented by Ing. Dario L. Arrieta M., Dirección General de Agricultura, San Jacinto, D. F. Received May 1, 1945.

From Delicias, Chihuahua.

150963. *PANICUM ANTIDOTALE* Retz. Poaceae. Blue panic grass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received May 14, 1945.

Originally grown in San Antonio, Tex.

For previous introduction see 134848.

150964 to 150967. *SORGHUM VULGARE* Pers. Poaceae.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 16, 1945.

150964. *Bonita*.150966. *Sudan Kafir*.150965. *Norkan*.150967. *Texas Blackhull Kafir*.**150968 to 150981. *SORGHUM VULGARE* Pers. Poaceae.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 16, 1945.

150968. *Beaver No. 255*.150975. *Finney*.150969. *Bonita*.150976. *Martin Milo*.150970. *Cache Feterita*.150977. *Midland (Kalo Sel. 617)*.150971. *Caprock*.150978. *Plainsman*.150972. *Citlas*.150979. *Sudan Kafir*.150973. *Club X Day - 16*.150980. *Texas Blackhull Kafir*.150974. *Cody*.150981. *Westland*.**150982. *ROLLINIA* sp. Annonaceae.**

From Peru. Seeds collected by R. J. Seibert, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received May 17, 1945.

Collected in the Madre de Dios region of southeastern Peru.

150983. *GLYCINE MAX* (L.) Merr. Fabaceae.**Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 17, 1945.

Illini. Grown in Illinois.

150984 to 150993.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 18, 1945.

150984. *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae. **Crested wheatgrass.**150985. *AGROPYRON TRACHYCAULUM* (Link) Malte.

For previous introduction see 150738.

150986. *AXONOPUS COMPRESSUS* (Swartz) Beauv. Poaceae.

For previous introduction see 147485.

150987. *BROMUS CATHARTICUS* Vahl. Poaceae.

For previous introduction see 150820.

150988. *BROMUS INERMIS* Leyss.**Smooth brome grass.**

For previous introduction see 149395.

150989. *PASPALUM DILATATUM* Poir. Poaceae.

For previous introduction see 148055.

150990. *PHALARIS ARUNDINACEA* L. Poaceae.**Reed canary grass.**

For previous introduction see 148170.

150991. *PHALARIS CANARIENSIS* L.**Canary grass.**

For previous introduction see 148285.

150992. *POA COMPRESSA* L. Poaceae.**Canada bluegrass.**

For previous introduction see 148171.

150993. *POA TRIVIALIS* L.**Rough bluegrass.**

For previous introduction see 148173.

150994 to 151004.

From England. Seeds purchased from Gartons Ltd., Warrington. Received May 15, 1945.

150994 to 150997. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.

150994. *Aberystwyth* S. 26.

150995. *Aberystwyth* S. 37.

150996. *Aberystwyth* S. 143.

150997. *New Zealand Certified Akaroa*.

150998. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.

Aberystwyth S. 53.

150999. *FESTUCA RUBRA* L. Red fescue.

Aberystwyth S. 59.

151000 to 151002. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.

151000. *Aberystwyth* S. 23.

151001. *Aberystwyth* S. 24.

151002. *Aberystwyth* S. 101.

151003 and 151004. *PHLEUM PRATENSE* L. Poaceae. Timothy.

151003. *Aberystwyth* S. 48.

151004. *Aberystwyth* S. 51.

151005 to 151013.

From Kenya. Seeds presented by the Pasture Research Officer, Department of Agriculture, Nairobi. Received May 8, 1945.

151005. *ANDROPOGON INSCULPTUS* A. Rich. Poaceae. Grass.

151006 to 151008. *CHLORIS GAYANA* Kunth. Poaceae. Rhodes grass.

151006. *Alego* (ecotype).

151007. *Kabete* (type).

151008. *Nzoia* (ecotype).

151009. *CROTALARIA INTERMEDIA* Kotschy. Fabaceae.

151010. *CYNODON* sp. Poaceae.

Giant stargrass.

151011. *PENNISETUM CILIARE* (L.) Link. Poaceae.

Erect strain.

151012. *PENNISETUM CILIARE* (L.) Link.

Low-growing strain.

151013. *PENNISETUM CLANDESTINUM* Chiov.

Kikuyu grass.

151014 to 151045. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

From Chile. Seeds presented by Manuel Elgueta G., Director del Departamento de Genetica, Ministerio de Agricultura, Santiago. Received May 21, 1945.

151014. *Amarillos*.

151021. *Burros 802*.

151015. *Azulillo*.

151022. *Coscorron Aleman*.

151016. *Bayos Achatados*.

151023. *Coscorrones*.

151017. *Bayos Palos*.

151024. *Coyundas*.

151018. *Bayos Redondos*.

151025. *Crema*.

151019. *Borlotto*.

151026. *Cristal Bayo*.

151020. *Buritos*.

151027. *Cubanos*.

151014 to 151045—Continued

151028. <i>Español</i> .	151037. <i>Oro</i> .
151029. <i>Flageolet Amarillo</i> .	151038. <i>Pajaritos</i> .
151030. <i>Flageolet Blanco</i> .	151039. <i>Pepa de Zapallo</i> .
151031. <i>Flageolet Rojo</i> .	151040. <i>Pintos</i> .
151032. <i>Hallados</i> .	151041. <i>Racimos</i> .
151033. <i>Japoneses</i> .	151042. <i>Torolitos</i> .
151034. <i>Manteca</i> .	151043. <i>Traros</i> .
151035. <i>Morados</i> .	151044. <i>Uno</i> .
151036. <i>Negros Argel</i> .	151045. <i>Valdebenitos</i> .

151046 to 151048. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

From Pennsylvania. Seeds purchased from the Henry F. Michell Co., Philadelphia. Received May 21, 1945.

- 151046. *Decatur*.
- 151047. *Keystonian*.
- 151048. *Stringless Green-Pod*.

151049 to 151056.

From Pennsylvania. Seeds purchased from the W. Atlee Burpee Co., Philadelphia. Received May 21, 1945.

- 151049. *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**
- 151050 to 151056. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**
- 151050. *Burpee's Brittle Wax*.
- 151051. *Burpee's Kidney Wax*.
- 151052. *Bountiful*.
- 151053. *Giant Stringless Green-Pod*.
- 151054. *Surecrop Stringless Wax*.
- 151055. *Tender Pod*.
- 151056. *White Seeded, Rust-Resistant Kentucky Wonder*.

151057. *PHASEOLUS COCCINEUS* L. Fabaceae. **Scarlet runner bean.**

From Mexico. Seeds presented by Dr. Mervin G. Smith, Assistant Agricultural Attaché, American Embassy, Mexico, D. F. Received May 21, 1945.

Ayacote.

151058 to 151060. *GOSSYPIMUM*. Malvaceae. **Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by Dr. R. L. Knight, Plant Breeding Section, Department of Agriculture and Forests, Khartoum North. Received May 21, 1945.

- 151058. *BAR 7/1*.
- 151059. *BAR 11/2*.
- 151060. *B. 31*.

151061. *JACQUINIA* sp. Theophrastaceae.

From Guatemala. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered May 22, 1945.

Guruchi. Grown from seeds collected by Dr. David Fairchild, on the road from El Rancho to San Augustine, Guatemala, Nov. 24, 1944. A small tree with mucronate leaves and small, round, yellow fruits.

151062. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Australia. Seeds presented by E. H. Southie, Hawkesbury Agricultural College, Richmond, N. S. W. Received May 22, 1945.

Clarendon Wonder × *Wellington Wonder*. A dwarf French bean.

151063. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From South Carolina. Seeds presented by B. L. Wade, United States Regional Vegetable Breeding Laboratory, Charleston. Received May 22, 1945.

Logan.

151064. CUPRESSUS ARIZONICA Greene. Pinaceae. Arizona cypress.

From California. Seeds purchased from Eustace Rush, Burbank. Received May 24, 1945.

151065. CHUSQUEA SIMPLICIFLORA Munro. Poaceae. Bamboo.

From the Canal Zone. Seeds obtained from the Canal Zone Experiment Station, Summit. Received May 25, 1945.

151066 to 151073. NICOTIANA TABACUM L. Solanaceae.

Common tobacco.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 26, 1945.

151066. *Connecticut Havana 211*. 151070. *Kentucky 16*.

151067. *Oxford 1*. 151071. *R. G*.

151068. *Oxford 26*. 151072. *T. J. 448*.

151069. *Yellow Special*. 151073. *400*.

151074. × MALUS ROBUSTA Rehder. Malaceae. Cherry crabapple.

From Canada. Seeds presented by M. B. Davis, Central Experimental Farm, Ottawa. Received May 26, 1945.

For previous introduction see 139665.

151075 to 151078.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received May 21, 1945.

151075 and 151076. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

151075. *Karkoer*. From Kimberley Veld. Eaten by stock.

151076. *Tsama*. From Tsabong.

151077. *ERAGROSTIS BRIZANTHA* Nees. Poaceae.

151078. *PENNISETUM CILIARE* (L.) Link. Poaceae.

151079. LACTUCA SATIVA L. Cichoriaceae.

Garden lettuce.

From New York. Seeds presented by the Department of Vegetable Crops, New York State College of Agriculture, Cornell University, Ithaca. Received May 23, 1945.

No. 456.

151080. AEGLE MARMELOS (L.) Correa. Rutaceae.

Bael fruit.

From India. Seeds presented by D. Raghava Reddy, Panagaluru, Cuddapah. Received April 27, 1945.

For previous introduction see 146705.

151081 to 151087.

From Uruguay. Seeds presented by Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received May 21, 1945.

151081. *AVENA BARBATA* Brot. Poaceae.

151082. *AVENA BYZANTINA* Koch.

1095 A.

151083. *AVENA FATUA* Coss.

Wild oats.

151084. *AVENA LUDOVICIANA* Durieu.

For previous introduction see 107028.

151085. *AVENA STERILIS* L.

Animated oats.

151086. *CHLORIS BERROI* Arech. Poaceae.

Grass.

For previous introduction see 150797.

151087. *PASPALUM* sp. Poaceae.

Grass.

151088. *LATHYRUS SATIVUS* L. Fabaceae.

Bittervetch.

From India. Seeds presented by Dr. B. Mukerji, Biochemical Standardization Laboratory, Calcutta. Received May 22, 1945.

151089 to 151098. *ZEA MAYS* L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 30, 1945.

151089 to 151095. Highly resistant dent line.

151089. *C. I. 7*. Yellow.

151093. *Illinois R 4*. Yellow.

151090. *C. I. 540*. Yellow.

151094. *R30*. White.

151091. *C. I. 4-8*. Yellow.

151095. *Ky 27*. White.

151092. *ITE 701*. Yellow.

151096 to 151098. Moderately resistant lines.

151096. *Indiana WF 9*. Yellow.

151097. *Indiana 33-16*. White.

151098. *R 40*. Yellow dent.

151099 to 151104.

From El Salvador. Seeds presented by James M. Watkins, Centro Nacional de Agronomía, San Salvador. Received May 30, 1945.

151099 to 151103. *ZEA MAYS* L. Poaceae.

Corn.

151099. *Caveron*.

151102. *Raque Lerdo*.

151100. *Joco*.

151103. *UluPilize*.

151101. *Raque Capulin*.

151104. *VIGNA SINENSIS* (Torner) Hassk. Fabaceae.

Cowpea.

Frijol Mono.

151105. *CHRYSOPOGON AUCHERI* (Boiss.) Stapf. Poaceae. Grass.

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Received May 23, 1945.

British Somaliland ecotype.

151106 to 151113. *ZEA MAYS* L. Poaceae.

Corn.

From Argentina. Seeds presented by the Instituto Fitotecnico de Santa Catalina, Universidad de La Plata, Llavallol. Received May 30, 1945.

A collection of hybrids of supersweet selections; no special notes.

151114 to 151135. PAPAVER SOMNIFERUM L. Papaveraceae.**Opium poppy.**

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Division of Plant Industry, Canberra City. Received May 31, 1945.

151114. No. 1. *Early Midseason*, the present commercial variety.

151115 and 151116. Naturalized in Australia.

151115. No. 2.

151116. No. 3.

151117. No. 4.

151118. No. 5.

151119. No. 6. Naturalized in Australia.

151120. No. 7. Originally from Turkey, by way of Egypt.

151121. No. 8. Originally from Iran.

151122. No. 9. Originally from Lisbon, Portugal.

151123. No. 10. From Rennes, France.

151124 to 151127. From Afghanistan.

151124. No. 11.

151126. No. 13.

151125. No. 12.

151127. No. 14.

151128 to 151134. From Rennes, France.

151128. No. 15.

151132. No. 19.

151129. No. 16.

151133. No. 20.

151130. No. 17.

151134. No. 21.

151131. No. 18.

151135. No. 22. From Calcutta, India.

151136 to 151141.

From Michigan. Seeds purchased from the Ferry-Morse Co., Detroit. Received June 1, 1945.

151136. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

Fordhook Lima.

151137 to 151141. PHASEOLUS VULGARIS L.

Common bean.

151137. *Burgers Green Pod Stringless.*

151138. *Idaho.*

151139. *Kentucky Wonder* (white seeded).

151140. *Landreth's Stringless Green Pod.*

151141. *Stringless Kidney Wax.*

151142 to 151157. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Peru. Seeds presented by Teodoro Boza Barducci, Estación Experimental Agrícola de La Molina, Lima. Received May 26, 1945.

151142. *Bayo.*

151150. 3-542-44.

151143. *Blanco.*

151151. 1-544-44.

151144. *Negro.*

151152. 2-544-44.

151145. *Panamito.*

151153. 1-545-44.

151146. 2-540-44.

151154. 2-545-44.

151147. 3-540-44.

151155. 3-546-44.

151148. 2-541-44.

151156. 3-547-44.

151149. 2-542-44.

151157. 2-548-44.

151158. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Argentina. Cuttings presented by Paul Yatman, Swift & Co., Buenos Aires. Received June 4, 1945.

Jorge. (Royal George.)

151159. (Undetermined.)

From California. Seeds presented by Lt. Comdr. S. G. Bedell, United States Navy. Received June 4, 1945.

151160. SORGHUM HALEPENSE (L.) Pers. Poaceae. Johnson grass.

From Texas. Seeds purchased from the Robert Nicholson Seed Co., Dallas. Received June 4, 1945.

151161 and 151162. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

From California. Seeds presented by the Associated Seed Growers, Milpitas. Received June 5, 1945.

151161. *Golden Gate Wax.*

151162. *Oregon Giant Stringless.*

151163 to 151166. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 6, 1945.

151163. *Improved Spanish 2 B.*

151164. *Valencia.*

151165. *Virginia Bunch.*

151166. *Virginia Runner.*

151167 and 151168.

From northern Africa. Seeds obtained through L. C. Curtis, Agricultural Experiment Station, New Haven, Conn. Received May 22, 1945.

151167. *MEDICAGO SATIVA L. Fabaceae.*

Alfalfa.

Temecine; from Algeria.

151168. *PANICUM MILLACEUM L. Poaceae.*

Proso.

From El Kisha, Morocco.

151169 to 151171. RUBUS spp. Rosaceae.

From Texas. Seeds collected by Rogers McVaugh, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 28, 1945.

151169. *RUBUS sp.*

No 6881. Highbush blackberry. From southwest of Beaumont.

151170. *RUBUS sp.*

No. 6905. Dewberry. From southeast of Fairfield.

151171. *RUBUS sp.*

No. 6907. Dewberry. From near Fairfield.

151172 to 151206.

From Ethiopia. Seeds collected by A. T. Semple, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 17, 1945.

151172. *ACACIA LAETA R. Br. Mimosaceae.*

From the vicinity of Gauani. March 19, 1945.

151172 to 151206—Continued

151173. AGROPYRON sp. Poaceae. Grass.
From Gauani.
151174. AGROPYRON sp.
151175. ALOE sp. Liliaceae.
From Mount Alelu, altitude 4,500 to 5,000 feet.
151176. BRASSICA sp. Brassicaceae.
From Shabe. Plant kalelike, single-stalked.
151177. CAESALPINIA sp. Caesalpiniaceae.
From Shabe.
151178. CARUM COPTICUM (L) Benth. & Hook. Apiaceae.
White Asmoed. From Agora.
151179. CICER ARIETINUM L. Fabaceae. Chickpea.
From Aswash Valley.
151180. CORIANDRUM SATIVUM L. Apiaceae. Coriander.
From near Shabe.
151181. ELEUSINE CORACANA (L.) Gaertn. Poaceae. African millet.
From market at Shabe. Feb. 20, 1945.
151182. GUIZOTIA ABYSSINICA (L. f.) Cass. Asteraceae.
151183. HORDEUM IRREGULARE Aberg & Wiebe. Poaceae. Barley.
June 2, 1945.
151184. HORDEUM VULGARE L. Barley.
Temedje. From Valchitto. Feb. 28, 1945.
151185. LATHYRUS SATIVUS L. Fabaceae. Bittervetch.
From Amhara.
151186. LENS CULINARIS Medik. Fabaceae. Lentil.
Miseer. From Shabe market. Feb. 18, 1945.
151187. LEPIDIUM SATIVUM L. Brassicaceae. Garden cress.
From Shabe market. Feb. 15, 1945.
151188. LINUM USITATISSIMUM L. Linaceae. Flax.
From Ambo. Jan. 30, 1945.
151189. MELANTHERA sp. Asteraceae.
From pasture below Shabe. Feb. 23, 1945.
151190. MILLETTIA FERRUGINEA (Hochst.) Baker. Fabaceae.
From Shabe. Feb. 19, 1945. Seeds, when ground, used as fish poison; also used medicinally for tapeworms.
151191. NICOTIANA GLAUCA R. Grah. Solanaceae. Tree tobacco.
Timbow. From Addis Ababa. Feb. 10, 1945.
151192. NIGELLA ARVENSIS L. Ranunculaceae. Love-in-a-mist.
Asmut. From Agora. Feb. 27, 1945.
151193. PARKINSONIA ACULEATA L. Caesalpiniaceae.
From Aswash. March 8, 1945.
151194. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
From market at Auasc. March 8, 1945.
151195. PHYTOLACCA ABYSSINICA Hoffm. Phytolaccaceae.
From Shabe. Feb. 18, 1945. Berries used as soap substitute.

151172 to 151206—Continued

151196. *RICINUS COMMUNIS* L. Euphorbiaceae. Castor-bean.
From Addis Ababa. March 31, 1945.
- 151197 and 151198. *SORGHUM VULGARE* Pers. Poaceae.
151197. *Mow.* From Agora. Feb. 27, 1945.
151198. *Durra.* From near Lake Haik, north of Dessil, Jan. 30, 1945.
151199. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
Abish. From market place at Shabe. Feb. 15, 1945.
- 151200 to 151205. *TRITICUM AESTIVUM* L. Poaceae. Wheat.
151200. 1-29D1. 151202. 1-29-A.
151201. 1-29-C. 151203. 1-29-I.
151204. Italian wheat, grown near Agricultural School, Oletta, 30 miles north-west of Addis Ababa.
151205. Mixed native varieties, grown near the Empress Flour Mill, 1 mile from Oletta.
151206. *VIGNA* sp. Fabaceae.

Vine growing in fence row near Shabe. Feb. 23, 1945.

151207 to 151214. *SORGHUM VULGARE* Pers. Poaceae.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 9, 1945.

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| 151207. <i>Beaver 255.</i> | 151211. <i>Norkan.</i> |
| 151208. <i>Bonita.</i> | 151212. <i>Plainsman.</i> |
| 151209. <i>Caprock.</i> | 151213. <i>Sudan Kaffir.</i> |
| 151210. <i>Finney.</i> | 151214. <i>Westland.</i> |

151215 to 151233.

From Maryland. Seeds obtained from the National Observational Nursery Project, Soil Conservation Service, Beltsville. Received June 9, 1945.

151215. *ANDROPOGON HALLII* Hack. Poaceae.
151216. *BOUPELLOU BARBATA* Lag. Poaceae.
151217. *BOUPELLOU FILIFORMIS* (Fourn.) Griffiths.
151218. *BOUPELLOU GRACILIS* (H.B.K.) Lag.
151219. *BOUPELLOU BOTHEROCKII* Vasey.
151220. *CALAMOVILFA GIGANTEA* Scribn. & Merr. Poaceae.
151221. *CALAMOVILFA LONGIFOLIA* Scribn.
151222. *ERAGROSTIS CHLOROMELAS* Steud. Poaceae.
151223. *ERAGROSTIS CURVULA* (Schrud.) Nees.
151224. *ERAGROSTIS LEHMANNIANA* var. *AMPLA* Stapf.
151225. *HILARIA RIGIDA* (Thurb.) Scribn. Poaceae.
151226. *MUHLENBERGIA PUNGENS* Thurb. Poaceae.
151227. *ORYZOPSIS HYMENOIDES* (Roem. & Schult.) Ricker. Poaceae.
151228. *PANICUM VIRGATUM* L. Poaceae.
151229. *PLANTAGO FASTIGIATA* Morris. Plantaginaceae.
151230. *SCHISMUS BARBATUS* (L.) Thell. Poaceae.
151231. *SPOROBOLUS CONTRACTUS* Hitchc. Poaceae.
151232. *SPOROBOLUS CRYPTANDRUS* (Torr.) A. Gray.
151233. *TRICHACHNE CALIFORNICA* (Benth.) Chase. Poaceae.

151234 to 151237. SACCHARUM. Poaceae. Sugarcane.

From the Union of South Africa. Cuttings presented by the South African Sugar Association Experiment Station, Mount Edgecomb, Natal. Received June 12, 1945.

151234. *N. Co. 310.*

151235. *N. Co. 330.*

151236. *N. Co. 348.*

151237. *Co. 453.*

151238. SORGHUM HALEPENSE (L.) Pers. Poaceae. Johnson grass.

From Alabama. Seeds purchased from R. E. Lambert & Sons, Darlington. Received June 12, 1945.

151239 to 151244.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 13, 1945.

151239. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.

151240. *BOUTELOUA GRACILIS* (H.B.K.) Lag.

151241. *BUCHLOE DACTYLOIDES* (Nutt.) Engelm. Poaceae.

151242. *ERAGROSTIS CURVULA* (Schrud.) Nees. Poaceae.

151243. *ERAGROSTIS TRICHODES* (Nutt.) Wood.

151244. *PANICUM VIRGATUM* L. Poaceae.

151245 and 151246. SACCHARUM. Poaceae. Sugarcane.

From the Union of South Africa. Cuttings presented by the South African Sugar Association Experiment Station, Mount Edgecombe, Natal. Received June 13, 1945.

151245. *Co. 464.*

151246. *N. Co. 291.*

151247. LINUM USITATISSIMUM L. Linaceae. Flax.

From Canada. Seeds obtained from the Central Experimental Farm, Ottawa. Received June 13, 1945.

Liral Duke.

151248. PRUNUS CAROLINIANA (Mill.) Ait. Amygdalaceae. Carolina laurelcherry.

From New York. Seeds purchased from Herbst Bros., New York. Received June 6, 1945.

151249. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Belgium. Seeds presented by the Ministere de L' Agriculture, Brussels. Received June 8, 1945.

Soja brun hatif U 486.

151250. URENA LOBATA L. Malvaceae.

From Cuba. Seeds presented by Frank MacFall, United States Department of Agriculture, through the American Embassy, Havana. Received June 13, 1945.

151251 to 151262. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Canada. Trees purchased from the Boughen Nurseries, Valley River, Manitoba. Received June 14, 1945.

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| 151251. <i>Anniversary.</i> | 151257. <i>Heyer No. 20.</i> |
| 151252. <i>A 1-14.</i> | 151258. <i>Manan.</i> |
| 151253. <i>Calros Crab apple.</i> | 151259. <i>Parker.</i> |
| 151254. <i>Delite Crab.</i> | 151260. <i>Pattie.</i> |
| 151255. <i>Heyer No. 2.</i> | 151261. <i>Rosthern No. 15.</i> |
| 151256. <i>Heyer No. 6.</i> | 151262. <i>Vinnoe.</i> |

151263. PAPAVER SOMNIFERUM L. Papaveraceae. Opium poppy.

From Iran. Seeds presented by Capt. John S. Daniel, United States Army, Tehran. Received June 16, 1945.

151264 to 151266.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received June 6, 1945.

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| 151264. <i>ANTHOSCHMIDTIA</i> sp. Poaceae. | |
| 151265. <i>DIGITARIA</i> sp. Poaceae. | Woolly fingergrass. |
| 151266. <i>ANTHOSCHMIDTIA BULBOSA</i> (Stapf) Peter. Poaceae. | |

151267 to 151270.

From Corsica. Seeds presented by Roy O. Yeatts, APO 365, New York, N. Y. Received June 21, 1945.

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| 151267. <i>ALTHAEA HIRSUTA</i> L. Malvaceae. | |
| Flowers delicate, pink. | |
| 151268. <i>CITRULLUS VULGARIS</i> Schrad. Cucurbitaceae. | Watermelon. |
| Small, yellow-fleshed; delicious flavor. | |
| 151269. <i>CITRULLUS VULGARIS</i> Schrad. | |
| Yellow-fleshed. | |
| 151270. <i>IMPATIENS</i> sp. Impatiaceae. | Snapweed. |
| Flowers pink and white. From Chalon Sur Sonne. | |

151271. INDIGOFERA ENDECAPHYLLA Jacq. Fabaceae. Indigo.

From Maryland. Seeds obtained from the Soil Conservation Service, United States Department of Agriculture, Beltsville. Received June 21, 1945.

Originally grown in Puerto Rico.

151272 to 151279. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 21, 1945.

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| 151272. <i>No. 450.</i> |
| 151273. <i>Melo Gold.</i> |
| 151274. <i>Honey Dew.</i> |
| 151275. <i>Moss No. 21835.</i> |
| 151276. <i>Powdery mildew resistant No. 5.</i> |
| 151277. <i>Powdery mildew resistant No. 6.</i> |
| 151278. <i>Powdery mildew resistant No. 7.</i> |
| 151279. <i>Powdery mildew resistant No. 45.</i> |

151280 to 151301. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 23, 1945.

151280. <i>Aoda</i> .	151291. <i>Minsoy</i> .
151281. <i>Avoyelles</i> .	151292. <i>Nanda</i> .
151282. <i>Clemson Non-shatter</i> .	151293. <i>Ogden</i> .
151283. <i>Creole</i> .	151294. <i>Palmetto</i> .
151284. <i>Hahto-1</i> .	151295. <i>Peking</i> .
151285. <i>Hahto-4</i> .	151296. <i>Pensoy</i> .
151286. <i>Illini</i> .	151297. <i>Rokusun-A</i> .
151287. <i>Jogun-2</i> .	151298. <i>Rokusun-17</i> .
151288. <i>Kanro</i> .	151299. <i>Seminole</i> .
151289. <i>Lincoln</i> .	151300. <i>Tastee</i> .
151290. <i>Mendota</i> .	151301. <i>Volstate</i> .

151302. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Africa. Seeds presented by H. H. Bennett, Soil Conservation Service, United States Department of Agriculture. Received June 18, 1945.

Black, flat-end beans; from Accra, Gold Coast.

151303. SORGHUM VULGARE Pers. Poaceae.

From Ethiopia. Seeds presented by A. T. Semple, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 18, 1945.

Sweet sorghum, collected near Cumbe, 71 miles east of Jimma.

151304 to 151326. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 25, 1945.

151304. <i>Aoda</i> .	151316. <i>Macoupin</i> .
151305. <i>Armredo</i> .	151317. <i>Mingo</i> .
151306. <i>Boone</i> .	151318. <i>Monetta</i> .
151307. <i>Charlee</i> .	151319. <i>Mukden</i> .
151308. <i>Cherokee</i> .	151320. <i>Ogden</i> .
151309. <i>Chief</i> .	151321. <i>Patoka</i> .
151310. <i>Clemson Non-shatter</i> .	151322. <i>Richland</i> .
151311. <i>Creole</i> .	151323. <i>Rokusun-17</i> .
151312. <i>Dunfield</i> .	151324. <i>Seminole</i> .
151313. <i>Gibson</i> .	151325. <i>Tastee</i> .
151314. <i>Hahto-3</i> .	151326. <i>Volstate</i> .
151315. <i>Lincoln</i> .	

151327 to 151342. ZEA MAYS L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received June 25, 1945.

151327. <i>HK61</i> . White dent.
151328. <i>HK59</i> . White dent.
151329. <i>HK4581</i> . White dent.

151327 to 151342—Continued

151330. *Kans. PS4 (K4 White)*. White dent.
 151331. 221. Blue flour.
 151332. 769. (Red stalk and tassel.) Yellow flour.
 151333. 769. (Green stalk and tassel.) Yellow flour.
 151334. 763. Yellow dent.
 151335. R45. Yellow (red) dent.
 151336. 471-U6 \times 471-U2 (\times) *F. generation*. White, sweet.
 151337. 241. White, sweet.
 151338. 234. Yellow flour.
 151339. 463. Blue flour.
 151340. 241-U1 (Δ).
 151341. 471-U6.
 151342. 471-U12.

151343. *STRECHNOS NUX-VOMICA* L. Loganiaceae.

From Hawaii. Seeds presented by William B. Storey, Horticulturist, University of Hawaii Agricultural Experiment Station, Honolulu. Received June 25, 1945.

151344. *MELOCANNA BACCIFERA* (Roxb.) Kurz. Poaceae. **Bamboo.**

From Jamaica. Seeds presented by W. W. Chapman, San Juan, P. R. Received June 28, 1945.

151345 to 151351. *PISTACIA VERA* L. Anacardiaceae. **Pistachio.**

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered June 29, 1945.

151345. Selection (0-13-22) from P. I. 80454.
 151346. Selection (0-13-25) from P. I. 80454.
 151347. Selection (0-21-5) from P. I. 86368.
 151348. Selection (0-11-1) from P. I. 86372.
 151349. Selection (0-24-3) from P. I. 86372.
 151350. Selection (0-8-17) from P. I. 89076.
 151351. Selection (0-10-17) from P. I. 86372.

151352. *ARAUCARIA ARAUCAANA* (Molina) Koch. Pinaceae.

From Argentina. Seeds presented by the Dirección de Agricultura y Industrias de la Provincia de Buenos Aires, La Plata. Received June 28, 1945.

151353 to 151359.

From China. Seeds collected by W. C. Lowdermilk, Soil Conservation Service, United States Department of Agriculture. Received June 21, 1945.

Collected at Tien Shui, Kansu, at an altitude of 5,000 feet.

- 151353 and 151354. *HORDEUM VULGARE* var. *COELESTE* L. Poaceae. **Barley.**
 151355. *LESPEDEZA BICOLOR* Turcz. Fabaceae.
 151356. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don.
 151357. *LESPEDEZA DAURICA* (Laxm.) Schindler.
 151358. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn.
 151359. *PUERARIA THUNBERGIANA* (Sieb. & Zucc.) Benth. Fabaceae.

Hardy strain.

Kudzu-bean.

151360 and 151361. PISTACIA VERA L. Anacardiaceae. Pistachio.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered July 2, 1945.

151360. Selection (0-42-9) from P. I. 137710.

151361. Selection (0-42-10) from P. I. 137710.

151362. RUBUS sp. Rosaceae.

From Okinawa, Ryukyu Islands. Seeds presented by Brig. Gen. O. P. Smith, United States Marine Corps. Received June 28, 1945.

A wild raspberry.

151363. VICIA FABA L. Fabaceae.**Broadbean.**

From China. Seeds presented by Capt. James W. Crew, Jr., United States Army. Received June 29, 1945.

151364 to 151369.

From Texas. Seeds presented by Rogers McVaugh, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received June 21, 1945.

151364. *CAMPANULA REVERCHONI* A. Gray. Campanulaceae.

No. 7083.

151365. *GAILLARDIA* sp. Asteraceae.

No. 7090.

151366. *IBERVILLEA* sp. Cucurbitaceae.

No. 7030.

151367. *NEMASTYLIS* sp. Iridaceae.

151368. *TRIODANIS COLORADOENSIS* (Buckl.) McVaugh. Campanulaceae.

No. 6976.

151369. (Undetermined.)

No. 7042. A shrub.

151370. CAPSICUM FRUTESCENS L. Solanaceae.**Redpepper.**

From Chile. Seeds presented by an unknown donor, Santiago. Received July 2, 1945.

Cristal.

151371 to 151373.

From Argentina. Seeds presented by Arturo Burkart, Director, Instituto de Botanica "Darwinion," San Isidro. Received July 12, 1945.

151371 and 151372. From Misiones, Colonia Eldorado (Alto Parana).

151371. *STIZOLOBIUM* sp. Fabaceae.

No. 14520. A tropical species related to *Stizolobium cinereum*; does not mature in Buenos Aires.

151372. *STIZOLOBIUM DEERINGIANUM* Bort.

No. 14521.

151373. *STIZOLOBIUM* sp.

151374. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.

U. S. Hybrid No. 13. Grown in Iowa, 1944.

151375 and 151376.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 18, 1945.

151375. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

Early Market. Grown in California.

151376. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

Washington State Forcing Tomato. Grown in Washington.

151377 to 151414. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Colombia. Seeds presented by R. Barrios Ferrer, Director del Departamento Nacional de Agricultura, Ministerio de Agricultura, Bogotá. Received July 3, 1945.

151377. No. 36 — Antioqueno (climbing).

151378. No. 14 — Bala (climbing).

151379. No. 24 — Bala (climbing).

151380. No. 22 — Bala Rojo.

151381. No. 30 — Blanco (cold climate).

151382. No. 40 — Blanco (climbing).

151383. No. 8 — Blanquillo de Arbol.

151384. No. 28 — Cacao Enredadera.

151385. No. 5 — Capiro de Enredadera.

151386. No. 4 — Cargamanto de Enredadera.

151387. No. 21 — Cejeno Enredadera.

151388. No. 12 — Comun de Enredadera.

151389. No. 3 — Cotobo de Enredadera.

151390. No. 6 — Culateno Enredadera.

151391. No. 10 — Estrada Arbol.

151392. No. 26 — Garrapato Enredadera.

151393. No. 1 — Guarzo de Arbol.

151394. No. 9 — Guarzo Rayado Arbol.

151395. No. 34 — Guecito (bush).

151396. No. 27 — Habichuela Enredadera.

151397. No. 35 — Huevo de Chisga.

151398. No. 17 — Petaco No. 1.

151399. No. 18 — Petaco No. 2.

151400. No. 19 — Petaco No. 3.

151401. No. 20 — Petaco No. 4.

151402. No. 13 — Pico de Oro; Boca de Angel.

151403. No. 29 — Plomo Rojo.

151404. No. 39 — Plomo (climbing).

151405. No. 25 — Quebrador Enredadera.

151406. No. 15 — Radical de Enredadera.

151407. No. 31 — Sangre de Toro.

151408. No. 37 — Docorrano (bush).

151409. No. 38 — Tenzano (bush).

151410. No. 32 — Torto Amarillo.

151377 to 151414—Continued

151411. No. 33 — *Torto Negro*.151412. No. 2 — *Uribe de Arbol*.151413. No. 16 — *Zardinata de Enredadera*.151414. No. 23 — *Zarzaleno de Arbol*.

151415. ZEA MAYS L. Poaceae.

Corn.

From Iowa. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 4, 1945.

Iowa Golden Inbred 45.

151416 to 151425. GOSSYPIUM spp. Malvaceae.

Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 7, 1945.

Grown at the Cotton Field Station, Stoneville, Miss.

151416. GOSSYPIUM ANOMALUM Wawra & Peyr.

151417. GOSSYPIUM ARIDUM (Rose & Standl.) Skovsted.

151418. GOSSYPIUM ARMOURIANUM Kearney.

151419. GOSSYPIUM DARWINII Watt.

151420. GOSSYPIUM DAVIDSONII Kellogg.

151421. GOSSYPIUM KIRKII Masters.

151422. GOSSYPIUM RAIMONDII Ulbrich.

151423. GOSSYPIUM STOCKSII Masters.

151424. GOSSYPIUM TAITENSE Parl.

151425. GOSSYPIUM TOMENTOSUM Nutt.

151426 to 151435.

From Florida. Seeds collected by Walter T. Swingle, at Coconut Grove. Received July 7, 1945.

From The Kampong, residence of Dr. David Fairchild.

151426 to 151428. CITRUS GRANDIS (L.) Osbeck. Rutaceae.

Pummelo.

151426. C. P. B. 10427. *Japanese Pummelo*.151427. *Red Pummelo*. Originally from Dr. Ochse, Pandan Wangi, Java.

151428. *Siamese Pummelo*, *Nakon Chaisi*. Originally from Reasoner Bros., Oneco, Fla.

151429. CITRUS RETICULATA × PARADISI.

Sampson Tangelo.

151430. CITRUS.

C. P. B. 49950. *Nippon Orangequat*.

151431 and 151432. AEGLE MARMELLOS (L.) Correa. Rutaceae.

Baelfruit.

151431. The second-best variety.

151432. The best selection from P. I. 46500.

151433. AFRAEGLE PANICULATA (Schum.) Engl. Rutaceae.

Powder-flask Tree. Originally from Nigeria.

151434. CLAUCENA LANSIUM (Lour.) Skeels. Rutaceae.

Wampi.

151435. CITRUS RETICULATA Blanco. Rutaceae.

Mandarin orange.

Suen Gat.

151436 to 151440.

From Brazil. Seeds presented by the Secretaria da Agricultura, Industria e Comercio, Departamento da Produção Vegetal, Instituto Agronômico, Campinas, São Paulo. Received July 9, 1945.

151436 and 151437. *ANANAS COMOSUS* (L.) Merr. Bromeliaceae. Pineapple.

151436. No. 3379. *Branco*.

151437. No. 2473. *Tricolor*.

151438. *ANANAS* sp.

No. 3208. Received under the name "fritzmülleri," apparently an unpublished name.

151439. *PSEUDANANAS SAGENARIUS* (Arruda) Camargo. Bromeliaceae.

No. 2563. *Macrodonates*.

151440. *PSEUDANANAS* sp.

No. 2858. *Typica*.

151441. PHALARIS TUBEROSA L. Poaceae.

From Australia. Seeds presented by H. C. Trumble, University of Adelaide, Waite Agricultural Research Institute, Private Mail Bag, Adelaide. Received July 2, 1945.

Gb 81 Type.

151442 to 151446. LINUM USITATISSIMUM L. Linaceae. Flax.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 10, 1945.

151442. F. I. No. 37 *J. Lord*. Sel. No. 583113.

151443. F. I. No. 51 *Martin*. Sel. No. 44408.

151444. C. I. No. 693 *Pinnacle*.

151445. No. 102 *Saginaw*.

151446. F. I. No. 54 *Superior*. Sel. No. 44126.

151447 and 151448.

From Cuba. Seeds presented by Frederick Snare, Country Club of Havana, Havana. Received July 11, 1945.

151447. *OPIZIA STOLONIFERA* Presl. Poaceae.

Acapulco grass.

151448. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

Angleton grass.

151449 and 151450. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From Nebraska. Seeds presented by Dr. H. O. Werner, Agricultural Experiment Station, Lincoln. Received July 12, 1945.

151449. Sioux Strain 14. 39-5-22.

151450. Sioux Strain 14. 39-5-27.

151451. ALTHAEA OFFICINALIS L. Malvaceae.

Marshmallow.

From Maryland. Seeds obtained from the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 23, 1945.

151452. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. Kudzu-bean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 23, 1945.

151453. (Undetermined.)

From the Philippine Islands. Tuber presented by T. F. Henson, United States Navy. Received July 23, 1945.

From the Island of Samar.

151454 to 151466.

From Uruguay. Seeds presented by Dr. Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received July 13, 1945.

151454. *AXONOPUS SUFFULTUS* (Trin.) Parodi. Poaceae.

151455. *BROMUS CATHARTICUS* Vahl. Poaceae.

151456 and 151457. *CHLORIS DISTICHOPHYLLA* Lag. Poaceae.

151456. No. 627. Originally from Misiones, Argentina.

151457. No. 876. From Meseta de Artigas, Paysandu.

151458. *LATHYRUS PUBESCENS* Hook. & Arn. Fabaceae.

No. 186. Originally from Cerro de las Cuentas, Cerro Largo.

For previous introduction see 150826.

151459. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

No. 201. Originally from Tujacereta, Rio Grande do Sul, Brazil.

151460. *MELILOTUS ALBA* Desr. Fabaceae.

White sweetclover.

151461. *PASPALUM DILATATUM* Poir. Poaceae.

Dallis grass.

151462 and 151463. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

151462. No. 623. Originally from Buenos Aires, Argentina.

151463. No. 1083.

151464. *POA BONARIENSIS* (Lam.) Kunth. Poaceae

No. 9531.

151465. *POA LANIGERA* Nees.

151466. *VICIA VILLOSA* Roth. Fabaceae.

No. 224.

151467. SALVIA HISPANICA L. Menthaceae.

From Mexico. Seeds presented by C. R. Benton, Mexico City. Received July 23, 1945.

For previous introduction see 130443.

151468 to 151474. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 26, 1945.

151468. *Buffalo*.

151472. *Kansas Common*.

151469. *Grimm*.

151473. *Ladak*.

151470. *Hairy Peruvian*.

151474. *Ranger*.

151471. *Hardistan*.

151475. CITRUS sp. Rutaceae.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Received July 26, 1945.

151476 to 151478. STIZOLOBIUM spp. Fabaceae.

From Brazil. Seeds obtained through the Instituto Agronômico, Campinas, São Paulo. Received July 18, 1945.

151476. *STIZOLOBIUM ATERRIMUM* Piper & Tracy.

151477. *STIZOLOBIUM DERRINGIANUM* Bort.

151478. *STIZOLOBIUM* sp.

151479. PERSEA SCHIEDEANA Nees. Lauraceae.

From Guatemala. Seeds presented by Dr. David Fairchild. Coconut Grove, Fla.
Received July 27, 1945.

Collected by Edward Haymaker. El Rancho. Departamento Progreso.

Shuete.

151480 to 151483. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Paraguay. Seeds presented by Max Putzel. Institute of Inter-American Affairs, Washington. Received July 23, 1945.

Collected by Phillip Britts. on property of the Instituto Agronómico Nacional, near Caacupe.

Paraguyan Hairy Bahia.

151484 and 151485.

From New Guinea. Seeds presented by Pvt. R. H. Olsen. United States Army.
Received July 18, 1945.

151484. DIOSCOREA ALATA L. Dioscoreaceae.

Winged yam.

151485. ZEA MAYS L. Poaceae.

Corn.

151486. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

From Mexico. Seeds presented by Ing. Dario L. Arrieta M., Dirección General de Agricultura, San Jacinto. D. F. Received July 23, 1945.

Chile Guero.

151487. STIZOLOBIUM sp. Fabaceae.

From British Guiana. Seeds presented by J. Sydney Dash, Director, Department of Agriculture. Received July 27, 1945.

Edua.

151488 and 151489.

From Iowa. Cuttings presented by the Iowa Agricultural Experiment Station. Ames. Received Aug. 2, 1945.

151488. AMYGDALUS PERSICA L. Amygdalaceae.

Peach.

Bailey × davidiana.

151489. MALUS. Malaceae.

Crabapple.

Brier × Mercer Co.

151490 to 151494. ORYZA SATIVA L. Poaceae.

Rice.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 2, 1945.

151490. Blue Rose.

151493. Rexoro.

151491. Caloro.

151494. Zenith.

151492. Fortuna.

151495. BROMUS INERMIS Leyss. Poaceae.

Smooth brome grass.

From Ohio. Seeds presented by O. M. Scott & Sons Co., Marysville. Received Aug. 7, 1945.

151496. MALUS. Malaceae.

From Maine. Cuttings presented by H. L. Palmer, Pittsfield. Received Aug. 7, 1945.

Peach crabapple.

151497. BROMUS INERMIS Leyss. Poaceae. **Smooth brome grass.**

From South Dakota. Seeds purchased from the Dakota Improved Seed Co., Mitchell. Received Aug. 8, 1945.

151498. SETARIA VERTICILLATA (L.) Beauv. Poaceae.

From California. Seeds presented by Lt. Col. G. P. Groves, United States Marine Corps. Received July 31, 1945.

Collected in the Pacific Area.

151499 and 151500.

From Colombia. Seeds presented by Eugene Reichard, Federal Economic Administration. Received Aug. 9, 1945.

Collected on Purace Volcano, Cordillera Central, Departamento Narino.

151499. CINCHONA PITAYENSIS Wedd. Rubiaceae.**151500. CINCHONA PUBESCENS** Vahl.**151501 to 151504.**

From Angola. Seeds presented by Janette E. Miller, Caluquembe, Caconda. Received July 31, 1945.

151501. ANNONA sp. Annonaceae.**151502. GLEDITSIA** sp. Caesalpinaceae.**151503. LUFFA AEGYPTIACA** Mill. Cucurbitaceae.

Suakwa towelgourd.

151504. PLEIOTAXIS sp. Asteraceae.

Herbs about a-foot high, with solitary purple flower heads.

151505. BROMUS INERMIS Leyss. Poaceae. **Smooth brome grass.**

From North Dakota. Seeds purchased from Oscar H. Will & Co., Bismarck. Received Aug. 13, 1945.

151506 to 151543. ZEA MAYS L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 13, 1945.

151506. *Illinois A.*

151525. *Iowa L289.*

151507. *Illinois Hy.*

151526. *Iowa L317.*

151508. *Illinois K.*

151527. *Iowa B1345.*

151509. *Illinois R4.*

151528. *Iowa B1349.*

151510. *Illinois 90.*

151529. *Iowa Mc401.*

151511. *Illinois 4211.*

151530. *Iowa Os420.*

151512. *Illinois 4226.*

151531. *Iowa Os426.*

151513. *Illinois 4451.*

151532. *Iowa CL447.*

151514. *Illinois 5120.*

151533. *Iowa ITE701.*

151515. *Indiana B 2.*

151534. *Missouri B2.*

151516. *Indiana H 6.*

151535. *Missouri G.*

151517. *Indiana Tr.*

151536. *Missouri K4.*

151518. *Indiana WF9.*

151537. *Missouri L3.*

151519. *Indiana 38-11.*

151538. *Ohio Oh26.*

151520. *Indiana 66.*

151539. *Ohio Oh51.*

151521. *Indiana 461-3.*

151540. *Ohio Oh56.*

151522. *Indiana L.*

151541. *Ohio Oh65.*

151523. *Iowa I 205.*

151542. *Ohio Oh67.*

151524. *Iowa I 234.*

151543. *Ohio Oh84.*

151544 to 151547. LESPEDEZA spp. Fabaceae.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 13, 1945.

151544. LESPEDEZA CUNEATA (Dum.-Cours.) G. Don.

151545. LESPEDEZA STIPULACEA Maxim.

Korean.

151546. LESPEDEZA STRIATA (Thunb.) Hook. & Arn.

Kobe.

151547. LESPEDEZA STRIATA (Thunb.) Hook. & Arn.

Common type.

151548. BROMUS INERMIS Leyss. Poaceae. Smooth brome grass.

From Oregon. Seeds purchased from the Jenks-White Seed Co., Salem. Received Aug. 17, 1945.

151549. BROMUS INERMIS Leyss. Poaceae. Smooth brome grass.

From Washington. Seeds presented by Charles H. Lilly Co., Seattle. Received Aug. 20, 1945.

151550. PHLEUM PRATENSE L. Poaceae. Timothy.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 17, 1945.

151551. HIBISCUS. Malvaceae.

From California. Seeds presented by Lt. Comdr. S. G. Bedell, United States Navy. Received Aug. 17, 1945.

Collected on Green Island, China Sea. Flowers double, red and white.

151552. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 17, 1945.

Slobolt.

151553. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From Mexico. Seeds presented by Thomas Hall, Hermosillo, Sonora. Received Aug. 17, 1945.

151554. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maine. Budsticks presented by H. L. Palmer, Pittsfield. Received Aug. 21, 1945.

Mary Elizabeth Seedling.

151555. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

From the Dominican Republic. Seeds obtained through the American Embassy, Ciudad Trujillo. Received Aug. 1, 1945.

From plants growing on grounds of Consular Section, American Embassy.

151556 to 151561. STIZOLOBIUM spp. Fabaceae. Velvetbean.

From New South Wales. Seeds presented by W. L. Waterhouse, University of Sydney. Received Aug. 13, 1945.

151556. STIZOLOBIUM sp.

CPI 1665.

151557. STIZOLOBIUM sp.

Somerset Velvet.

151556 to 151561—Continued151558. *STIZOLOBIUM* sp.*Masbilee.*151559. *STIZOLOBIUM* sp.*White Mauritius.*151560. *STIZOLOBIUM* sp.*Smith Velvet.*151561. *STIZOLOBIUM* sp.*CPI 2043.***151562 and 151563. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.****Cowpea.**

From the Dominican Republic. Seeds obtained through the American Embassy, Ciudad, Trujillo. Received Aug. 1, 1945.

151562. *Frijolitos (Anconi) Cabezita Blanco.*151563. *Frijolitos (Anconi) Cabezita Negra.***151564 to 151572.**

From the Pacific Area. Seeds collected by Lt. Comdr. S. G. Bedell, United States Navy. Received Aug. 1, 1945.

151564. *ARCHONTOPHOENIX ALEXANDRAE* (F. Muell.) Wendl. & Drude. **Phoenixaceae.****Palm.**

No. 12. From the Botanical Gardens, Brisbane, Queensland.

For previous introduction see 116208.

151565. *ASCLEPIAS CURASSAVICA* L. **Asclepiadaceae.****Bloodflower.**

No. 3. From Mavus. June 1945.

For previous introduction see 150434.

151566. *CLAPPERTONIA FICIFOLIA* (Willd.) Dcne. **Tiliaceae.**

No. 4. From Mavus. June 1945. A shrub with showy blue or purple flowers.

For previous introduction see 141084.

151567. *PITHECELLOBIUM* sp. **Mimosaceae.**

No. 1. July 1945. A large jungle tree.

151568. *RHUS* sp. **Anacardiaceae.**

No. 10. From New Caledonia. July 1945. An attractive shrub with large clusters of red berries.

151569. *SOPHORA TOMENTOSA* L. **Fabaceae.**

No. 6. From New Georgia. June 1945. A small tree with yellow, pealike flowers.

For previous introduction see 139394.

151570. (Undetermined.)

No. 6. From Mavus. June 1945. A lilylike plant.

151571. (Undetermined.)

No. 7. From New Georgia. June 1945. A wild leguminous vine with blue flowers.

151572. (Undetermined.)

No. 11. From Guadalcanal, July 1945. A small lilylike plant.

151573. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) A. Gray. Solanaceae.

From the island of Iwo Jima, Pacific Ocean. Seeds collected by Neil Stuart, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 22, 1945.

151574 to 151579. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 22, 1945.

151574. *Arizona Chilean.*

151577. *Kansas Common.*

151575. *Atlantic.*

151578. *Oklahoma Common.*

151576. *Buffalo.*

151579. *Ranger.*

151580 to 151590.

From Sweden. Seeds obtained from the Svalöf Plant Breeding Station, Svalöf. Received Aug. 13, 1945.

151580 to 151582. *DACTYLIS GLOMERATA L. Poaceae.*

Orchard grass.

151580. *St. 01004 Str.*

151581. *St. 265.*

151582. *St. 322.*

151583 to 151590. *PAPAYER SOMNIFERUM L. Papaveraceae.*

Opium poppy.

151583. No. 207. *Papaver Mandersky.*

151587. No. 204. *Bohmisk Dubsky.*

151584. No. 211. *Urgersk Vallmo 10.*

151588. No. 202. *Peragis.*

151585. No. 201. *Mahndorfer.*

151589. No. 236. *Polsk Opievallmo 9.*

151586. No. 235. *Polsk Opievallmo 8*

151590. No. 206. *Polsk Opievallmo 5.*

151591 to 151602. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 23, 1945.

151591. *Boone.*

151597. *Lincoln.*

151592. *Chief.*

151598. *Macoupin.*

151593. *Dunfield.*

151599. *Ogden.*

151594. *Earlyana.*

151600. *Patoka.*

151595. *Gibson.*

151601. *Scioto.*

151596. *Illini.*

151602. *Viking.*

151603. RANDIA sp. Rubiaceae.

From Ecuador. Seeds presented by P. Robicek. Received Aug. 17, 1945.

151604. FAGOPYRUM ESCULENTUM Moench. Polygonaceae.

Buckwheat.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 25, 1945.

151605. JARILLA CAUDATA (T. S. Brandeg.) Standl. Papayaceae.

From Mexico. Seeds obtained through the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture. Received Aug. 25, 1945.

Originally from Jalisco. A large herbaceous perennial, native to northwestern Mexico, with edible, subglobose, fleshy fruits about 3 inches long. The fruits have five long, fleshy appendages.

151606. CHRYSALIDOCARPUS LUTESCENS (Bory) Wendl. Phoeniceae. Yellow palm.

From Puerto Rico. Seeds presented by Prof. H. H. Bartlett, University of Michigan, Ann Arbor, Mich. Received Aug. 25, 1945.

From Mayagüez.

For previous introduction see 91778.

151607 and 151608. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 25, 1945.

151607. *Lincoln*.

151608. *Ogden*.

151609 to 151614. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 25, 1945.

151609. *Higginbotham*.

151612. *Texas Green Lint*.

151610. *Lone Star*.

151613. *Texas Rust*.

151611. *Nankeen*.

151614. *Triumph*.

151615 to 151623. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Brazil. Seeds presented by the Instituto Biológico, São Paulo. Received Aug. 22, 1945.

151615. *Bico de Ouro*.

151620. *Roxinho*.

151616. *Chumbinho Lustroso*.

151621. *Mulatinho Claro L. 50-3392*.

151617. *Chumbinho Opaco*.

151622. *Mulatinho Claro L. 1-208*.

151618. *Enxofre*.

151623. *Mulatinho Claro L. 109-3568*.

151619. *Mulatinho*.

151624. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From New Jersey. Seeds presented by M. A. Blake, New Jersey Experiment Station, New Brunswick. Received Aug. 27, 1945.

Midway.

151625 to 151640. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Aug. 24, 1945.

Selections made by the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbers preceded by B are Beltsville selection numbers.

151625. (No special data.)

151633. 5-56 (Fort Valley).

151626. B 22221.

151634. B 3751.

151627. B 12160.

151635. B 7398.

151628. B 329.

151636. B 7426.

151629. B 10365.

151637. B 7426 A.

151630. B 121561.

151638. B 2832.

151631. B 121561 A.

151639. B 7406.

151632. B 10362.

151640. (No special data.)

151641 to 151646. MALUS. Malaceae. Apple.

From Canada. Budwood presented by the Central Experimental Farm, Ottawa. Received Aug. 30, 1945.

151641. *Bedford Crabapple*.

151644. *Timiskaming*.

151642. *Garnet*.

151645. *Toba*.

151643. *Lennoxville Crabapple*.

151646. *Trial*.

151647. Gossypium sp. Malvaceae.**Cotton.**

From Brazil. Seeds presented by Guy L. Bush, Agricultural Attaché, Rio de Janeiro. Received Aug. 31, 1945.

Wild cotton found in the vicinity of Boa Vista in the Federal Territory of Rio Branco.

151648 to 151655. Amygdalus persica L. Amygdalaceae. Peach.

From Maryland. Budwood presented by the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Sept. 1, 1945.

151648. *Golden Heath.* 151652. *Sunday.*

151649. *Halberta.* 151653. *Sungold.*

151650. *Sandhill No. 1.* 151654. *Vivid Gold.*

151651. *Sullivan Elberta.* 151655. *Harriet.*

151656 to 151666. Capsicum frutescens L. Solanaceae. Redpepper.

From Brazil. Seeds presented by W. A. Archer, Instituto Agronómico do Norte, Belém, Pará. Received Sept. 1, 1945.

151656. Lemon yellow, irregular, pitted along sides.

151657. Lemon yellow, oblong, ovoid, end pointed or flattened.

151658. Lemon yellow, oval or pointed.

151659. Orange, oblong, oval.

151660. Lemon yellow, ovoid to pointed.

151661. *Pimenta de Chiero.* Red, slender-oblong, pointed.

151662. Red, slender-oblong, pointed.

151663. Red, globose, few-seeded.

151664. Red, oblong, sharp-pointed.

151665. Dark red, globular, small.

151666. Red, tomato-shaped, irregularly pitted.

151667. Lactuca sativa L. Cichoriaceae.**Garden lettuce.**

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Sept. 1, 1945.

Slobolt.

151668. Carica monoica Desf. Papayaceae.

From Peru. Seeds presented by Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Sept. 1, 1945.

Collected near Tingo Maria, Dec. 6, 1944.

151669. Hibiscus cannabinus L. Malvaceae.**Kenaf.**

From the Bahama Islands. Seeds presented by M. Morrison, Department of Agriculture, Nassau. Received Sept. 4, 1945.

151670 and 151671. Medicago sativa L. Fabaceae.**Alfalfa.**

From Peru. Seeds presented by Jorge Paez, Estación Experimental Agrícola de La Molina, Lima. Received Aug. 18, 1945.

151670. *Monsefu.*

151671. *San Pedro.*

151672. Agathis australis (Lamb.) Steud. Pinaceae. Kauri-pine.

From New Zealand. Seeds presented by Duncan & Davies, Ltd., New Plymouth. Received Aug. 20, 1945.

For previous introduction see 47917.

151673. CAPPARIS SPINOSA L. Capparidaceae. Caper.

From Iran. Seeds presented by Capt. John S. Daniel, Jr., United States Army.
Received Aug. 22, 1945.

From the Iranian Agriculture College, Karaj.

151674. ACACIA NILOTICA Willd. Mimosaceae.

From Cuba. Seeds presented by F. S. Walsingham, Atkins Institution of the
Arnold Arboretum, Soledad, Cienfuegos. Received Aug. 23, 1945.

151675 to 151685. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From Argentina. Seeds presented by Dr. Antonio E. Marino, Ministerio de
Agricultura, Buenos Aires. Received Aug. 27, 1945.

151675. *Aji Amarillo*; from Salta.

151676. *Aji Amarillo*; from Tucumán.

151677. *Aji Colorado*; from Salta.

151678. *Aji Colorado*; originally from Bolivia.

151679. *Aji Miraciolo Picante*; from Salta.

151680. *Aji Picante Largo*; from Salta.

151681. *Aji Pimento*; from Salta.

151682. *Aji Quitucho*; from Salta.

151683. *Bolita Picanto Cereza*; from Salta.

151684. *Cilindrico Largo*; from Salta.

151685. *Ullupica*; from Salta.

151686. LUPINUS sp. Fabaceae.

From Mexico. Seeds presented by Dr. W. E. Colwell, Mexico City. Received
Aug. 28, 1945.

Probably collected near Tlaxcala.

151687 to 151691. LINUM USITATISSIMUM L. Linaceae. Flax.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber
Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural En-
gineering, Beltsville. Received Sept. 5, 1945.

151687. *Sel. 930A04.*

151690. *Sel. Highboll.*

151688. *Sel. 98701.*

151691. *Sel. 7105724.*

151689. *Sel. 772110.*

151692 to 151700.

From Australia. Seeds presented by F. H. Baker, Richmond, Victoria. Received
Sept. 5, 1945.

151692. *BRACHYSEMA LANCEOLATUM* Meissn. Fabaceae.

For previous introduction see 146683.

151693. *CALLITRIS TASMANICA* R. T. Baker & H. G. Smith. Pinaceae.

151694. *CHORIZEMA DIVERSIFOLIUM* A. DC. Fabaceae.

For previous introduction see 113761 and 151696.

151695 and 151696. *HARDENBERGIA* spp. Fabaceae.

Introduced as *Hardenbergia violacea*, an apparently unpublished name.

151695. *HARDENBERGIA* sp.

No. 1, 4 to 8 feet high.

151696. *HARDENBERGIA* sp.

No. 2, 5 to 8 feet high.

151692 to 151700—Continued

151697. *HOVEA ELLIPTICA* (J. E. Smith) DC. Fabaceae.

For previous introduction see 79951.

151698. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae.

Manuka.

Keatleyii.

For previous introduction see 113772.

151699. *PROSTANTHERA ROTUNDIFOLIA* R. Br. Menthaceae.

For previous introduction see 77972.

151700. *PULTENÆA DAPHNOIDES* Wendl. Fabaceae.

For previous introduction see 130717.

151701. *PSIDIUM GUAJAVA* L. Myrtaceae.

Guava.

From Mexico. Seeds presented by Thomas Hall, Hermosillo, Sonora. Received Sept. 7, 1945.

151702. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From Paraguay. Seeds presented by A. W. Patterson, Asunción. Received Aug. 27, 1945.

A variety of alfalfa which has been grown successfully since 1927 in Sapucaí, a small limestone section of Paraguay located near Paraguari, southeast of Asunción.

151703 to 151711.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Aug. 29, 1945.

151703. *AGROPYRON DASYSTACHYUM* (Hook.) Scribn. Poaceae. Wheatgrass.151704. *AGROPYRON ELONGATUM* (Host.) Beauv. Poaceae. Grass.151705. *AGROPYRON INERME* (Scribn. & Smith). Rydb.151706. *AGROPYRON SPICATUM* (Pursh) Scribn. & Smith.151707. *AGROSTIS CANINA* (L.) Beauv. Poaceae. Grass.151708. *CHLORIS LATUSQUAMAEA* Nash. Poaceae. Grass.151709. *HORDEUM BULBOSUM* L. Poaceae. Grass.151710. *PASPALUM MALACOPHYLLUM* Trin. Poaceae. Grass.151711. *POA AMPLA* Merrill. Poaceae. Grass.151712 to 151717. *STIZOLOBIUM CAPITATUM* (Roxb.) Kuntze. Fabaceae.

From the Union of South Africa. Seeds obtained from the Division of Botany and Plant Pathology, Pretoria, Transvaal. Received Aug. 28, 1945.

For previous introduction see 35677.

151712. No. 1.

151715. No. 4.

151713. No. 2.

151716. No. 5.

151714. No. 3.

151717. No. 6.

151718. *AMYGDALUS PERSICA* L. Amygdalaceae.

Peach.

From Maryland. Scions obtained from the Division of Fruit and Vegetable Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Sept. 12, 1945.

Dirie Red.

151719 to 151721.

From Canada. Scions presented by the Dominion Experiment Station, Morden, Manitoba. Received Sept. 12, 1945.

151719. \times MALUS ADSTRINGENS Zabel. Malaceae.

Apple.

Alberta.

For previous introduction see 144025.

151720 and 151721. MALUS SYLVESTRIS Mill.

151720. Meyer 12.

151721. Rescue.

151722 to 151727. GOSSYPIUM spp. Malvaceae.

Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Sept. 12, 1945.

151722 to 151725. GOSSYPIUM.

151722. Earlipima.

151724. Express 6637.

• 151723. Egyptian ($S \times P$).

151725. Sea-Island 12-B-2.

151726. GOSSYPIUM STOCKSII Masters.

151727. GOSSYPIUM THURBERI Todaro.

151728 to 151761. PISUM SATIVUM L. Fabaceae.

Pea.

From South Carolina. Seeds presented by B. L. Wade, United States Southeastern Regional Vegetable Breeding Laboratory, Charleston. Received Sept. 12, 1945.

• 151728. Wanda.

151737. Early Perfecta.

151729. Austrian Winter.

151738. World Record.

151730. Glacier.

151739. Willett Wonder.

151731. Hundredfold.

151740. Extra Early.

151732. Hundredfold.

151741. Thomas Laaton.

151733. Canada Field.

151742. Miracle.

151734. Perfecta.

151743. Gradah.

151735. Walah.

151744. Pride.

151736. Willett Wonder.

151745. N847-2 Wis. Early Sweet \times Little Marvel.

151746. N762-7 Giant Stride \times Progress.

151747. N757-3B Giant Stride \times Progress.

151748. N304-1-1-1 Giant Stride \times World Record.

151749. N910-Little Marvel \times (Thomas Laaton \times Phenomenon).

151750. N772-B Progress \times World Record.

151751. N318-3B-1-Phen. \times Thomas Laaton.

151752. N768-5B Giant Stride \times Progress.

151753. N770-5 Giant Stride \times Progress.

151754. N898- Giant Stride \times Progress.

151755. N959- World Record \times Progress.

151756. N782-2B Little Marvel \times (Thomas Laaton \times Phenomenon).

151757. N557-1-13 World Record \times Progress.

151758. N591-3-1-1-1 Kent Alderman \times Progress.

151759. N752-A Giant Stride \times Progress.

151760. Creole.

151761. P16-A02-1 Willet Wonder \times Progress.

151762 to 151765.

From Colombia. Seeds collected by B. Y. Morrison, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 1, 1944.

151762. *LYCOPERSICON* sp. Solanaceae.

Tomato.

From Villeta. March 24, 1944.

151763. *CINCHONA* sp. Rubiaceae.

151764. *CINCHONA PITAYENSIS* Wedd.

From Popayan.

For previous introduction see 148610.

151765. (Undetermined.)

Unidentified fern.

151766 to 151770. *CITRUS*. Rutaceae.

From Colombia. Budwood presented by Raul Varela Martinez, Director, Estación Agrícola Experimental, Palmira. Received Sept. 14, 1945.

151766. *Mandarina Rivero* — *Hybrido* 338.

151767. *Naranjo Valle del Cauca* No. 1.

151768. *Naranjo Híbrido* No. 303.

151769. *Pomelo Híbrido* No. 320.

151770. *Pomelo Híbrido* No. 426.

151771 and 151772.

From Argentina. Seeds presented by Enrique Clos, Dirección Estaciones Experimentales, Ministerio de Agricultura, Buenos Aires. Received Sept. 14, 1945.

151771. *NIEREMBERGIA GRACILIS* Hook. Solanaceae.

From Durazno, Provincia La Rioja.

For previous introduction see 11293.

151772. *NIEREMBERGIA HIPPOMANICA* Miers.

From Merlo, Provincia San Luis. Plant 10 inches high, with lilac flowers.

For previous introduction see 144254.

151773 to 151776. *CITRUS AURANTIUM* (Christm.) Swingle. Rutaceae.
Sour orange.

From Florida. Budwood presented by Donald J. Nicholson, Royal Purple Citrus Research Nursery, Orlando. Received Sept. 19, 1945.

151773. *Reppard* No. 50.

151775. *Reppard* No. 53.

151774. *Reppard* No. 51.

151776. *Reppard* No. 54.

151777 to 151828. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Egypt. Seeds obtained through Harold E. Myers, American Legation, Cairo. Received Sept. 17, 1945.

151777. *Abyssinian* No. 1.

151785. *Abyssinian* No. 10.

151778. *Abyssinian* No. 3.

151786. *Abyssinian* No. 11.

151779. *Abyssinian* No. 5.

151787. *Abyssinian* No. 12.

151780. *Abyssinian* No. 6.

151788. *Abyssinian* No. 13.

151781. *Abyssinian* No. 7.

151789. *Abyssinian* No. 14.

151782. *Abyssinian* No. 8.

151790. *Abyssinian* No. 15.

151783. *Abyssinian* No. 9.

151791. *Abyssinian* No. 16.

151784. *Abyssinian* No. 9-a.

151792. *Abyssinian* No. 17.

151777 to 151828—Continued

151793. <i>Abyssinian</i> No. 19.	151811. <i>Abyssinian</i> No. 39.
151794. <i>Abyssinian</i> No. 20.	151812. <i>Abyssinian</i> No. 40.
151795. <i>Abyssinian</i> No. 21.	151813. <i>Abyssinian</i> No. 41.
151796. <i>Abyssinian</i> No. 22.	151814. <i>Abyssinian</i> No. 43.
151797. <i>Abyssinian</i> No. 24.	151815. <i>Abyssinian</i> No. 45.
151798. <i>Abyssinian</i> No. 25.	151816. <i>Abyssinian</i> No. 46.
151799. <i>Abyssinian</i> No. 26.	151817. <i>Abyssinian</i> No. 47.
151800. <i>Abyssinian</i> No. 27.	151818. <i>Abyssinian</i> No. 48.
151801. <i>Abyssinian</i> No. 28.	151819. <i>Abyssinian</i> No. 49.
151802. <i>Abyssinian</i> No. 29.	151820. <i>Abyssinian</i> No. 50.
151803. <i>Abyssinian</i> No. 29 - a.	151821. <i>Abyssinian</i> No. 51.
151804. <i>Abyssinian</i> No. 30.	151822. <i>Abyssinian</i> No. 52.
151805. <i>Abyssinian</i> No. 31.	151823. <i>Abyssinian</i> No. 53.
151806. <i>Abyssinian</i> No. 32.	151824. <i>Abyssinian</i> No. 54.
151807. <i>Abyssinian</i> No. 33.	151825. <i>Abyssinian</i> No. 55.
151808. <i>Abyssinian</i> No. 36.	151826. <i>Abyssinian</i> No. 56.
151809. <i>Abyssinian</i> No. 37.	151827. Local Iraqui barley.
151810. <i>Abyssinian</i> No. 38.	151828. <i>College</i> No. 1 (Giza).

151829. *POLYTRIAS PRAEMORSA* (Nees) Hack. Poaceae. Grass.

From Panama. Turf presented by C. F. MacMurray, Panama City. Received Sept. 20, 1945.

For previous introduction see 150098.

151830 to 151834. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

From Mexico. Seeds presented by the Dirección General de Agricultura, San Jacinto, D. F. Received Sept. 12, 1945.

151830. <i>Ancho</i> (247-2-1-3).	151833. <i>Pasilla</i> 225-2-1-3-1-1.
151831. <i>Mulato</i> (705).	151834. <i>Pasilla</i> 449-2-3-4-2.
151832. <i>Pasilla</i> 104-1-2-1-2.	

151835 to 151899.

From Tanganyika. Seeds collected by A. T. Semple, Food and Agriculture Organization of the United Nations, Washington, D. C. Received Aug. 24, 1945.

151835. *AGROPYRON* sp. Poaceae.

T-34.

151836. *ANDROPOGON* sp. Poaceae.

T-49.

151837 and 151838. *BRACHIARIA* spp. Poaceae.151837. *BRACHIARIA* sp.

T-24.

151838. *BRACHIARIA* sp.

T-51. 28 miles south of Arusha.

151839. *BROMUS* sp. Poaceae.

T-46.

151840 to 151843. *CHLORIS* spp. Poaceae.151840. *CHLORIS* sp.

T-2. 11 miles south of Dodoma.

151835 to 151899—Continued

151840 to 151843—Continued

151841. *CHLORIS* sp.

T-5. Ngaraha, southeast of Singida.

151842. *CHLORIS* sp.

T-52.

151843. *CHLORIS* sp.

T-53.

151844 to 151848. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.

151844. T-6. Ngaraha.

151845. T-40. 20 miles south of Arusha.

151846. T-55.

151847. T-57.

151848. T-61.

151849. *CYNODON* sp. Poaceae.

T-16.

151850 to 151853. *DIGITARIA* spp. Poaceae.151850. *DIGITARIA* sp.151852. *DIGITARIA* sp.

T-20.

T-54.

151851. *DIGITARIA* sp.151853. *DIGITARIA* sp.

T-36.

T-58.

151854. *ELEUSINE* sp. Poaceae.

T-33.

151855 to 151864. *ERAGROSTIS* spp. Poaceae.151855. *ERAGROSTIS* sp.151860. *ERAGROSTIS* sp.

T-3. 11 miles south of Dodoma.

T-26.

151856. *ERAGROSTIS* sp.151861. *ERAGROSTIS* sp.

T-12.

T-35.

151857. *ERAGROSTIS* sp.151862. *ERAGROSTIS* sp.

T-13. Kimboi Mission.

T-37.

151858. *ERAGROSTIS* sp.151863. *ERAGROSTIS* sp.

T-14. Kimboi Mission.

T-60.

151859. *ERAGROSTIS* sp.151864. *ERAGROSTIS* sp.

T-15.

T-63.

151865. *HYPARRHENIA* sp. Poaceae.151866 to 151872. *PANICUM* spp. Poaceae.151866. *PANICUM* sp.151870. *PANICUM* sp.

T-11.

T-43.

151867. *PANICUM* sp.151871. *PANICUM* sp.

T-27.

T-44.

151868. *PANICUM* sp.151872. *PANICUM* sp.

T-28.

T-65.

151869. *PANICUM* sp.

T-39.

151835 to 151899—Continued

151873 to 151877. *PENNISETUM* spp. Poaceae.151873. *PENNISETUM* sp.

T-17.

151874. *PENNISETUM* sp.

T-32.

151875. *PENNISETUM* sp.

T-56.

151876. *PENNISETUM* sp.

T-62.

151877. *PENNISETUM* sp.

T-64.

151878. *PENTASCHISTIS BORUSSICA* (Schum.) Pilger. Poaceae.

T-4.

151879. *POA* sp. Poaceae.

T-38.

151880. *RUBUS* sp. Rosaceae.

T-48.

151881 and 151882. *SETARIA* spp. Poaceae.151881. *SETARIA* sp.

T-23.

151882. *SETARIA* sp.

T-31.

151883 to 151893. *SPOROBOLUS* spp. Poaceae.151883. *SPOROBOLUS* sp.

T-18.

151884. *SPOROBOLUS* sp.

T-19.

151885. *SPOROBOLUS* sp.

T-21.

151886. *SPOROBOLUS* sp.

T-22.

151887. *SPOROBOLUS* sp.

T-25.

151888. *SPOROBOLUS* sp.

T-29.

151889. *SPOROBOLUS* sp.

T-42.

151890. *SPOROBOLUS* sp.

T-45.

151891. *SPOROBOLUS* sp.

T-47.

151892. *SPOROBOLUS* sp.

T-50.

151893. *SPOROBOLUS* sp.

T-59.

151894. *THEMEDA* sp. Poaceae.

T-8. Escarpment above Ndaruma.

151895. *TRAGUS BERTERONIANUS* Schult. Poaceae.

T-66.

151896. *TRICHACHNE* sp. Poaceae.

T-7A. Nduguti.

151897. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae

T-7. Nduguti.

151898. *TRIFOLIUM* sp. Poaceae.

T-41.

151899. (Undetermined.)

T-1. A leguminous plant.

151900 to 151917. *Gossypium*. Malvaceae.

Cotton.

From Iran. Seeds presented by the Ministry of Agriculture, through the American Embassy, Tehran. Received Sept. 26, 1945.

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|--|-----------------------------------|
| 151900. <i>Agjora</i> . | 151909. <i>Gartovel</i> . |
| 151901. <i>Akala 646</i> . | 151910. <i>King</i> . |
| 151902. <i>Cocumbia</i> . | 151911. <i>Nadresky</i> . |
| 151903. <i>Dehgan</i> . | 151912. <i>Perakhora</i> . |
| 151904. <i>Duralgo</i> . | 151913. <i>Perskhlopok</i> . |
| 151905. <i>Filestani A</i> . | 151914. <i>Peyleyon</i> . |
| 151906. <i>Filestani B</i> . | 151915. <i>Surkhgh-l-Semnan</i> . |
| 151907. <i>Filestani Sapid</i> . | 151916. <i>Zagora</i> . |
| 151908. <i>Filestani Siyan Karcali</i> . | 151917. <i>No. 1876</i> . |

151918 to 151921. *Triticum aestivum* L. Poaceae. Common wheat.

From Iran. Seeds presented by Dr. Walter Koelz, Tehran; agent, Bureau of Plant Industry, Soils, and Agricultural Engineering, through the American Embassy, Tehran. Received Sept. 26, 1945.

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|------------------------------|--------------------------|
| 151918. <i>Gala Karami</i> . | 151920. <i>Iranian</i> . |
| 151919. <i>Tiruni</i> . | 151921. <i>Iranian</i> . |

151922 to 151924. *Indigofera* spp. Fabaceae.

From Maryland. Seeds obtained from the National Observational Nursery, Soil Conservation Service, Beltsville. Received Sept. 26, 1945.

151922. *INDIGOFEA ENDECAPHYLLA* Jacq.
For previous introduction see 151271.
151923. *INDIGOFEA ARRECTA* A. Rich.
For previous introduction see 150371.
151924. *INDIGOFEA HIRSUTA* L.
For previous introduction see 149527.

151925. *Araucaria angustifolia* (Bertol.) Kuntze. (*A. brasiliana* A. Rich.) Pinaceae.

From Argentina. Seeds presented by Angustin Gomez, Dirección de Agricultura, Ganadería y Industrias, La Plata. Received Sept. 20, 1945.

For previous introduction see 149406.

151926 to 151929. *Capsicum frutescens* L. Solanaceae. Redpepper.

From Mexico. Seeds presented by Dr. Narciso Novelo, Instituto Tecnico Agrícola, Mérida, Yucatán. Received Sept. 21, 1945.

151926. *Chile Colorado*.
151927. *No. 1 Kat-Ik*.
151928. *No. 4 Maæ*.
151929. *No. 2 Pap-Ik o Habanero*.

151930. *Capparis spinosa* L. Capparidaceae.

Caper.

From Iran. Seeds presented by Capt. John S. Daniel, Jr., United States Army. Received Sept. 17, 1945.

For previous introduction see 151673.

151931. *Capsicum frutescens* L. Solanaceae.

Redpepper.

From Brazil. Seeds presented by W. A. Archer, Instituto Agronómico do Norte, Belém, Pará. Received Sept. 20, 1945.

Pimenta de Cheiro. Cultivated in Belém. Fruit dull yellow, overlaid with dull purplish cast on lower half, 7-ribbed on top.

151932 to 151934. LUPINUS spp. Fabaceae.

From Australia. Seeds presented by Glen Briggs, Chief Agricultural Rehabilitation Officer, Sydney, N. S. W. Received Sept. 26, 1945.

Seeds originally from New Zealand.

151932. LUPINUS ANGUSTIFOLIUS L.

Bitter Blue Lupine.

151933. LUPINUS ANGUSTIFOLIUS L.

Sweet Blue Lupine.

151934. LUPINUS LUTEUS L.

Yellow Lupine.

151935. ANDROPOGON INSCULPTUS Rich. Poaceae.

From Uganda. Seeds presented by A. L. Thomas, Department of Agriculture, Entebbe. Received Sept. 27, 1945.

For previous introduction see 151005.

151936 and 151937.

From Argentina. Seeds presented by A. T. Semple, Food and Agriculture Organization. Received Sept. 27, 1945.

151936. CHLORIS CARIBAEA Spreng. Poaceae.

For previous introduction see 150146.

151937. CHLORIS CILIATA Swartz.

For previous introduction see 74514.

151938 to 151945.

From Uganda. Seeds presented by A. L. Thomas, Department of Agriculture, Entebbe. Received Sept. 27, 1945.

151938. CHLORIS GAYANA Kunth. Poaceae.

Rhodes grass.

151939. CYNODON PLECTOSTACHYUM (Schum.) Pilger.

For previous introduction see 139564.

151940. DIGITARIA sp. Poaceae.**151941. ECHINOCHLOA PYRAMIDALIS (Lam.) Hitchc. & Chase. Poaceae.**

For previous introduction see 142141.

151942. ECHINOCHLOA sp.**151943. ERAGROSTIS SUPERBA Peyr. Poaceae.**

For previous introduction see 148119.

151944. HYPARRHENIA PILGERIANA C. E. Hubb. Poaceae.**151945. PASPALUM COMMERSONII Lam. Poaceae.****151946 and 151947.**

From Argentina. Seeds presented by A. T. Semple, Food and Agriculture Organization. Received Sept. 27, 1945.

151946. SETARIA sp. Poaceae.**151947. SPOROBOLUS POIRETII (Roem. & Schult.) Hitchc. Poaceae.**

For previous introduction see 138991.

151948 to 151959.

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Division of Plant Industry, Canberra, Federal Capital Territory. Received Sept. 27, 1945.

151948. AGROPYRON SCABRUM (R. Br.) Beauv. Poaceae.

For previous introduction see 99118.

151948 to 151959—Continued

151949. *CEOTALARIA DISSITIFLORA* Benth. Fabaceae.151950. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

151951. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae.151952. *LUPINUS PILOSUS* Murray.

For previous introduction see 137173.

151953. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban. Fabaceae.151954. *MEDICAGO TRUNCATULATA* Gaertn.

For previous introduction see 137669.

151955. *PANICUM DECOMPOSITUM* R. Br. Poaceae.

For previous introduction see 150374.

151956. *PANICUM EFFUSUM* R. Br.

For previous introduction see 126488.

151957. *STIZOLOBIUM* sp. Fabaceae.151958. *STIZOLOBIUM ATERRIMUM* Piper & Tracy.151959. *TRIFOLIUM SCABRUM* L. Fabaceae.

For previous introduction see 120119.

151960. *CAPPARIS SPINOSA* L. Capparidaceae.

Caper.

From Iran. Seeds presented by Dr. Walter Koelz, Tehran. Received Sept. 13, 1945.

For previous introduction see 151673.

151961 and 151962. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.

From Australia. Tubers presented by the Department of Agriculture, Melbourne, Victoria. Received Oct. 22, 1945.

151961. *Carman* No. 3.151962. *Snowflake*.151963. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 22, 1945.

Bay State.151964 to 151969. *VIGNA SINENSIS* (Torner.) Hassk. Fabaceae.

Cowpea.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 26, 1945.

151964. *Conch*.151967. *Taylor*.151965. *Iron*.151968. *Victor*.151966. *New Era*.151969. *Whippoorwill*.151970. *GAHNIA TRIFIDA* Labill. Cyperaceae.

From Australia. Seeds sent from Melbourne, Victoria (sender unknown). Received Oct. 16, 1945.

A sedge-like plant about 2 feet high, with a terete stem and alternate, linear-subulate leaves. The numerous capitate spikelets are in a graceful panicle. Native to Cape Van Dieman.

151971. *TRITICUM AESTIVUM* L. Poaceae.

Wheat.

From Morocco. Seeds obtained through the American Consulate, Rabat. Received Oct. 29, 1945.

151972. CROTALARIA PILOSA Mill. Fabaceae.

From Costa Rica. Seeds presented by the Secretaria de Agricultura e Industrias, San José. Received Oct. 16, 1945.

Collected by M. Quiros Calvo in Palmares, Province of Alajuela, Sept. 16, 1945.

151973 and 151974. PANICUM MAXIMUM Jacq. Poaceae.

Guinea grass.

From Brazil. Seeds obtained from Cecil M. P. Cross, American Consul General, São Paulo. Received Oct. 4, 1945.

151973. *Capim Colonião*.

151974. *Capim Sempre Verde*.

151975. POA LANIGERA Nees. Poaceae.

From Uruguay. Seeds presented by Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received Oct. 3, 1945.

151976. NICOTIANA RUSTICA L. Solanaceae.

Aztec tobacco.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Beltsville. Received Oct. 5, 1945.

Brasília.

151977 to 151979. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From Pennsylvania. Seeds obtained from the Agricultural Experiment Station, State College. Received Oct. 10, 1945.

151977. *Pennred*.

151978. *Stemless Pennred*.

151979. *Stemless Pennorange*.

151980. INDIGOFERA ENDECAPHYLLA Jacq. Fabaceae.

Indigo.

From Puerto Rico. Seeds obtained from Dr. K. A. Bartlett, Director of the Federal Experiment Station, Mayagüez. Received Oct. 10, 1945.

151981 to 151995.

From Brazil. Seeds presented by F. Febeliano Da Costa Filho, Director da Divisão de Experimentação e Pesquisas, Instituto Agronômico, Campinas. Received Oct. 9, 1945.

151981 to 151986. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

151981. No. 44.

151984. No. 124.

151982. No. 122.

151985. No. 128.

151983. No. 123.

151986. No. 129.

151987 to 151995. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

151987. *I-7578; D-2070*.

151992. 659. *Redondinha*.

151988. 485. *California Wonder*.

151993. 488. *Royal King*.

151989. 747. *Cayenne Long Red*.

151994. 502. *Windsor A*.

151990. 417. *Chinese Giant*.

151995. 486. *World Beater*.

151991. 660. *Meio Comprida*.

151996. ATTALEA GOMPHOCOCCA Mart. Phoenicaceae.

Palm.

From Cuba. Seeds obtained from the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received Oct. 17, 1945.

151997 to 151999. TRITICUM AESTIVUM L. Fabaceae.

Wheat.

From South Australia. Seeds obtained from the Agricultural College, Roseworthy. Received Oct. 1, 1945.

151997. *Dirk* (*Forð* × *Dundee*).

151998. *Javelin* (*Onas* × *Nabawa*).

151999. *Scimitar* (*Nabawa* × *Egyptian 4*).

152000. INDIGOFERA HIRSUTA L. Fabaceae. Indigo.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 26, 1945.

152001. FRAGARIA. Rosaceae. Strawberry.

From Scotland. Plants presented by Dr. Robert D. Reid, Horticulture Department, West of Scotland Agricultural College, Auchincruive, Ayrshire. Received Oct. 2, 1945.

Auchincruive No. 9.

152002 and 152003. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Argentina. Tubers presented by Santiago Boaglio, Director, Experiment Station, Ministry of Agriculture, Buenos Aires. Received Oct. 2, 1945.

152002. *S-37-893 (Houma × 336-144).*

152003. *S-47-1659 (Earline × 336-144).*

152004 and 152005. LINUM USITATISSIMUM L. Linaceae. Flax.

From England. Seeds presented by the H. M. Norfolk Flax Establishment. Received Oct. 3, 1945.

152004. *Norfolk Earl.*

152005. *Norfolk Queen.*

152006. CANNA GLAUCA L. Cannaceae.

From Trinidad. Roots presented by the Director of Agriculture, Port-of-Spain. Received Oct. 3, 1945.

152007. TAXODIUM DISTICHUM (L.) Rich. Pinaceae. Baldcypress.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received Oct. 3, 1945.

152008. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 3, 1945.

Acala 1517.

152009 to 152041.

From Iran. Bulbs presented by Dr. Walter Koelz, Tehran. Received Oct. 4, 1945.

Wild bulbs from near Tehran.

152009 to 152018.

(Undetermined.)

152019. MUSCARI LONGIPES Boiss. Liliaceae.**152020 and 152021.**

(Undetermined.)

152022. ALLIUM sp. Liliaceae.**152023 to 152041.**

(Undetermined.)

152042. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Australia. Seeds presented by the Department of Agriculture, Sydney, N. S. W. Received Oct. 4, 1945.

Bonnimar (Bonny × Marglobe).

152043. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray.
Solanaceae. Tomato.

From Costa Rica. Seeds presented by Luis Cruz B., Ministerio de Agricultura, San José. Received Oct. 5, 1945.

152044 to 152056. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 8, 1945.

152044. <i>Armredo.</i>	152051. <i>Missoy.</i>
152045. <i>Burnette.</i>	152052. <i>Nanda.</i>
152046. <i>Charlee.</i>	152053. <i>Palmetto.</i>
152047. <i>Cherokee.</i>	152054. <i>Rokusun-A.</i>
152048. <i>Clemson Non-Shatter.</i>	152055. <i>Rokusun-5.</i>
152049. <i>Lincoln.</i>	152056. <i>Rokusun-17.</i>
152050. <i>Magnolia.</i>	

152057 to 152070. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 9, 1945.

152057. <i>Aoda.</i>	152064. <i>Imperial.</i>
152058. <i>Armredo.</i>	152065. <i>Jogun-2.</i>
152059. <i>Cherokee.</i>	152066. <i>Kanro.</i>
152060. <i>Clemson Non-Shatter.</i>	152067. <i>Lincoln.</i>
152061. <i>Fuji.</i>	152068. <i>Ogden.</i>
152062. <i>Hahto-3.</i>	152069. <i>Rokusun-A.</i>
152063. <i>Higan-B.</i>	152070. <i>Rokusun-5.</i>

152071 to 152080.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received Oct. 3, 1945.

152071. <i>ANTHEPHORA PUBESCENS</i> Nees. Poaceae.	
152072. <i>ANTHOSCHMIDTIA BULBOSA</i> (Stapf) Peter. Poaceae.	
152073. <i>ARISTIDA BARBICOLLIS</i> Trin. & Rupr. Poaceae.	
152074. <i>ARISTIDA MERIDIONALIS</i> Henrard.	
152075. <i>DIGITARIA ERIANTHA</i> Steud. Poaceae.	
152076. <i>ENNEAPOGON CENCHROIDES</i> (Licht.) C. E. Hubb. Poaceae.	
152077. <i>ERAGROSTIS LEHMANNIANA</i> var. <i>AMPLA</i> Stapf. Poaceae.	
152078. <i>ERAGROSTIS BRIZANTHA</i> Nees.	
152079. <i>ERAGROSTIS PALLENS</i> Hack.	
152080. <i>TRICHOLOAENA REPENS</i> (Willd.) Hitchc. Poaceae.	Natal grass.

152081 to 152088. GOSSYPIUM spp. Malvaceae. Cotton.

From the Soviet Union. Seeds presented by the Tashkent Breeding Station, Tashkent, Uzbekistan. Received Oct. 11, 1945.

152081. <i>GOSSYPIUM BARBADENSE</i> L.	Sea-island cotton.
No. 2710.	

152081 to 152088—Continued

152082 to 152086. *Gossypium herbaceum* L.

152082. No. 289. From Bokhara, Uzbekistan.

152083. No. 0686. From Turkomen.

152084. No. 4311.

152085. No. 2522. From Choresa, Uzbekistan.

152086. No. 6789.

152087. *Gossypium hirsutum* L.

Upland cotton.

No. C-4006.

152088. *Gossypium nanking* Meyen.

No. 02293. From Manchuria.

152089. *Lycopersicon esculentum* Mill. Solanaceae. Tomato.

From Tennessee. Seeds purchased from the Associated Seed Growers, Memphis.
Received Oct. 23, 1945.

*Essary.*152090 to 152097. *Hevea brasiliensis* (A. Juss.) Muell. Arg.
Euphorbiaceae. Para rubber tree.

From Costa Rica. Budsticks presented by Ernest P. Imle, San José. Received
Oct. 25, 1945.

152090. *FB-54.*152094. *F-1619.*152091. *F-170.*152095. *FA-1717.*152092. *F-211.*152096. *FB-3333.*152093. *F-396.*152097. *F-6398.*152098 to 152103. *Medicago sativa* L. Fabaceae. Alfalfa.

From Maryland. Seeds obtained from the Division of Forage Crops and Dis-
eases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Belts-
ville. Received Oct. 25, 1945.

152098. *Arizona.*152101. *Kansas Common.*152099. *Buffalo.*152102. *Oklahoma Common.*152100. *Cossack.*152103. *Ranger.*152104 to 152147. *Arachis hypogaea* L. Fabaceae. Peanut.

From Brazil. Seeds obtained through the American Consulate, Porto Alegre, Rio
Grande do Sul. Received Oct. 26, 1945.

152104 to 152109. From the Instituto Agronómico, Campinas, São Paulo.

152104. No. 18. *Asiatica.*152107. No. 21. *Cateto.*152105. No. 24. *Am. 111A.*

152108. No. 13. Common variety.

152106. No. 19. *Black Peanut.*152109. No. 16. *CS 3.*152110. No. 1. *Imperial Spanish.* From La Estanzuela, Uruguay.

152111 to 152114. From the Instituto Agronómico, Campinas.

152111. No. 12. *I. B. M.-4/3.*152112. No. 17. *I. B. M. 15.*152113. No. 23. *Jumbo Runner (Vir. Sta. 5-24-3).*152114. No. 14. *Kichusa.*152115. No. 36. *Paraguaio S. A. I.* From Porto Alegre.152116. No. 37. *Pelotas A.* Pelotas, Rio Grande do Sul.152117. No. 38. *Pelotas B.* Pelotas, Rio Grande do Sul.152118. No. 39. *Pelotas C.* Pelotas, Rio Grande do Sul.

152104 to 152147—Continued

152119. No. 29. *Porto Alegre*. From Porto Alegre.

152120. No. 28. *Purple*. From the Instituto Agronómico, Campinas.

152121. No. 40. *Red*. From Veranópolis, Rio Grande do Sul.

152122 to 152135. From the Instituto Agronómico, Campinas.

152122. No. 15. *Schwarz*.

152123. No. 11. *Small Runner*.

152124. No. 25. *Senegal*.

152125. No. 30. *Spanish 2 B*.

152126. No. 32. *Standard*.

152127. No. 35. *Swiss*.

152128. No. 20. *Tatu 45*.

152129. No. 26. *Tatu 53*.

152130. No. 22. *Uputu C*.

152131. No. 27. *Virginia Bunch Sel. 31*.

152132. No. 33.

152133. No. 31. *Virginia Bunch*.

152134. No. 34. *White Spanish*.

152135. No. 44. *White*.

152136 to 152147. From La Estanzuela, Uruguay.

152136. No. 4. *Acceitero S. O*.

152137. No. 3. *Americano Chico*.

152138. No. 10. *Baku Foire*.

152139. No. 7. *Colorado of Taquarembo*.

152140. No. 9. *Indian*.

152141. No. 5. *Italy Milan*.

152142. No. 41. *Mani-26-28-204*.

152143. No. 42. *Mani-20-Red Payssandu*.

152144. No. 43. *Mani-39-Federation*.

152145. No. 2. *Small Spanish*.

152146. No. 8. *Turkestan B*.

152147. No. 6. *Valencia*.

152148 and 152149. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 26, 1945.

152148. *Beltsville* No. 8639.

152149. *Fort Valley*.

152150. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

From Puerto Rico. Seeds presented by Dr. K. A. Bartlett, Director of the Federal Experiment Station, Mayagüez. Received Oct. 10, 1945.

Puerto Rico No. 39.

152151. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Missouri. Seeds obtained from the Corneli Seed Co., St. Louis. Received Oct. 10, 1945.

Keystonian.

152152 and 152153. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From the Soviet Union. Seeds presented by the Government Purchasing Commission of the Soviet Union, Washington, D. C. Received Oct. 11, 1945.

152152. *Red Oldtimer* (*Krasnyi Starodavnyi*). From Kungursk, Molotov Region.

152153. *Birsk*. From the Bashkir Plant Breeding Station.

152154 and 152155.

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Canberra, Federal Capital Territory. Received Oct. 15, 1945.

152154. *TRIFOLIUM AMBIGUUM* Bieb. Fabaceae.

C. P. I. 2264. Grown at Canberra, F. C. T., but originally from the Soviet Union.

152155. *TRIFOLIUM ANGUSTIFOLIUM* L.

C. P. I. 1987. Grown at Muresk, West Australia, but originally from France.

152156 to 152168. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 30, 1945.

152156. *Japanese Yam*.

152163. *B. 196*.

152157. *Nancy Hall*.

152164. *B. 204*.

152158. *Oebi Saboelan*.

152165. *Director*.

152159. *Porto Rico*.

152166. *Wannop*.

152160. *Red Jersey*.

152167. *Wenholz No. 1*.

152161. *Yellow Jersey*.

152168. *Wenholz No. 2*.

152162. *Big Stem Jersey*.

152169 to 152171. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Illinois. Seeds presented by the Agricultural Experiment Station, Urbana. Received Oct. 31, 1945.

152169. *Early Baltimore*.

152170. *Illinois Pride*.

152171. *Praireana*.

152172 and 152173. PASPALUM NOTATUM Fluegge. Poaceae. Bahia grass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 31, 1945.

152172. *Common Bahia Selection 18*.

152173. *Paraguay Bahia Selection 21*.

152174 to 152179.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 31, 1945.

152174. *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae.

152175. *BROMUS CATHARTICUS* Vahl. Poaceae.

152176. *BROMUS MARGINATUS* Nees.

152177. *FESTUCA ELATIOR* L. Poaceae.

152178. *LOLIUM MULTIFLORUM* Lam. Poaceae.

152179. *LOLIUM SUBULATUM* Vis.

152180. ALEURITES FORDII Hemsl. Euphorbiaceae. Tung-oil tree.

From Australia. Seeds presented by F. R. Morrison, Acting Curator, Technological Museum, Sydney, N. S. W. Received Oct. 29, 1945.

152181 to 152184. SORGHUM spp. Poaceae.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 31, 1945.

152181. SORGHUM VULGARE Pers.

Wintersome.

152182 to 152184. SORGHUM SUDANENSE (Piper) Stapf.

152182. Common Sudan.

152184. Tift Sudan.

152183. Sweet Sudan.

152185 to 152199.

From Paraguay. Seeds presented by A. W. Patterson, Institute of Inter-American Affairs, Asunción. Received Oct. 9, 1945.

152185. CAJANUS CAJAN (L.) Druce. Fabaceae.

Pigeonpea.

No. 21.

152186 and 152187. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

152186. No. 20. Piririta.

152187. No. 27.

152188 to 152193. PHASEOLUS VULGARIS L.

Common bean.

152188. No. 19. Pyta.

152191. No. 30.

152189. No. 28.

152192. No. 31.

152190. No. 29.

152193. No. 32.

152194 to 152199. VIGNA SINENSIS (Torner) Hassk. Fabaceae.

Cowpea.

152194. No. 22. Tape.

152197. No. 25. Tupi Pyta.

152195. No. 23. Pyta.

152198. No. 26.

152196. No. 24. San Francisco.

152199. No. 33.

152200. CANNA sp. Cannaceae.

From Puerto Rico. Roots presented by the Director, Federal Experiment Station, Mayaguez. Received Nov. 1, 1945.

152201. TEPHROSIA VIRGINIANA (L.) Pers. Fabaceae.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 1, 1945.

152202 to 152216.

From Bolivia. Seeds presented by the Universidad Autonoma, "San Simon," Cochabamba. Received Sept. 20, 1945.

152202. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

152203 to 152215. PHASEOLUS VULGARIS L.

Common bean.

152203. Red, ellipsoid-truncate.

152204. Pale tan, elongate.

152205. Subglobose, deep red to black.

152206. Yellowish brown, with reddish marbling.

152207. Purple, with narrow white stripe.

152208. White, spotted with red.

152209. White, with large red areas.

152202 to 152216—Continued

152203 to 152215—Continued

152210. Yellowish brown.
 152211. Dark brown, black stripes.
 152212. Yellowish brown, black stripes.
 152213. Flattened oval, mauve.
 152214. Subglobose, mottled with red to black.
 152215. Mixed varieties.

152216. *COIX LACRYMA-JOBI* L. Poaceae.

Jobs-tears.

152217 to 152240. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

From Peru. Seeds presented by Teodoro Boza Barducci, Estación Experimental Agrícola de La Molina, Lima. Received Nov. 1, 1945.

152217 to 152221. From Casma, Departamento de Ancash.

152217. *Amarillo*. 152220. *Chinchano Chico*.
 152218. *Colorado*. 152221. *Panca*.
 152219. *Chinchano*.

152222 to 152233. From the Departamento de Libertad.

152222. No. 1. *Limo Blanco*. From Santa Rosa, Trujillo.
 152223. No. 4. *Verde Colorado*. From Trujillo.
 152224. No. 5. *Verde (Largo, Mocho)*. From Moche.
 152225. No. 6. *Miscucho Colorado*. From Moche.
 152226. No. 7. *Verde Comun*. From Mansiche.
 152227. No. 8. *Verde Claro*. From Trujillo, San Andres.
 152228. No. 9. *Limo Chico*. From Moche.
 152229. No. 10. *Miscucho Negro*. From Moche.
 152230. No. 11. *Limo Legitimo*. From Moche.
 152231. No. 12. *Miscucho Amarillo*. From Moche.
 152232. No. 13. From Moche.
 152233. No. 14. *Miscucho Amarillo*. From Moche.

152234 and 152235. From Tacna, Departamento de Tacna.

152234. *Amarillo*.
 152235. *Colorado*.

152236 to 152238. From Huancavelica, Departamento de Huancavelica.

152236. *Mirasol Amarillo*.
 152237. *Mirasol Colorado (light)*.
 152238. *Mirasol Colorado (dark)*.

152239 and 152240. From Arequipa, Departamento de Arequipa.

152239. *Mirasol Amarillo*.
 152240. *Mirasol Colorado*.

152241 to 152243.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Oct. 29, 1945.

152241. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.

Bushclover.

Kobe.152242 and 152243. *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

152242. *Ladino*.

152243. No special notes.

152244 to 152247. SACCHARUM. Poaceae.**Sugarcane.**

From the Union of South Africa. Cuttings presented by the Experiment Station, Mount Edgecombe, Natal. Received Nov. 2, 1945.

152244. *C. O. 464.*152246. *C. O. 453.*152245. *C. O. 310.*152247. *N. G. 291.***152248 to 152261.**

From Belgium. Seeds presented by the Station d'Amelioration des Semences de l'Etat, Gembloux. Received Nov. 2, 1945.

152248 to 152252. *AVENA SATIVA L. Poaceae.***Oats.**152248. *Atesse Jaune de Gembloux* (spring oats).152249. *Blanch Rigide de Gembloux* (spring oats).152250. *Espoir de Gembloux* (spring oats).152251. *Lignee 979 de Gembloux* (spring oats).152252. *Lignee 834 de Gembloux* (spring oats).152253 to 152256. *HORDEUM VULGARE L. Poaceae.***Barley.**152253. *Lignee 456 de Gembloux.*152254. *Lignee 14 de Gembloux.*152255. *Lignee 125 de Gembloux.*152256. *Lignee 185 de Gembloux.*152257 to 152261. *TRITICUM AESTIVUM L. Poaceae.***Common wheat.**152257. *Lutescens, Alter 61 de Gembloux.*152258. *Albidum, Precoce de Gembloux 134.*152259. *Hybride du Jubile* (winter wheat).152260. *Milturum, Professeur Delos.*152261. *Lignee Institut de Gembloux 18.102.***152262. STIZOLOBIUM ATERRIMUM Piper & Tracy. Fabaceae.****Velvetbean.**

From Mauritius. Presented by the Director of Agriculture, Reduit. Received Nov. 2, 1945.

152263. URENA LOBATA L. Malvaceae.

From Alabama. Seeds obtained from the Agricultural Experiment Station, Auburn. Received Nov. 5, 1945.

152264 and 152265. ZEA MAYS L. Poaceae.**Corn.**

From Texas. Seeds obtained from the Agricultural Experiment Station, College Station. Received Nov. 5, 1945.

152264. *Texas Inbred 4R-3.*152265. *Texas Inbred 61M.***152266 and 152267. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

From the Soviet Union. Seeds presented by the State Seed Experimental Station "Gribov," Moscow Region. Received Oct. 17, 1945.

152266. *Dwarf Alpatiev No. 0905.*152267. *Dwarf Planed No. 0904.***152268 and 152269.**

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 7, 1945.

152268. *CARTHAMUS TINCTORIUS L. Asteraceae.***Safflower.**152269. *PERILLA NANKINENSIS (Lour.) Dcne. Menthaceae.*

152270 and 152271.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 7, 1945.

152270. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.

Korean.

152271. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn.

Kobe.

152272 to 152274. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 7, 1945.

152272. *Conner.*

152273. *Doughty 11.*

152274. *Kentucky 38.*

152275 to 152277.

From China. Seeds presented by Andrew Tse, Hong Kong. Received Oct. 22, 1945.

Collected in the Province of Yunnan.

152275. *ALLIUM CEPA* L. Liliaceae.

Onion.

A spring onion from Anning.

152276. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

Stems 2 to 3 feet tall, white, self-blanching.

152277. *BRASSICA PEKINENSIS* (Lour.) Rupr. Brassicaceae.

Petsai.

A heading type.

152278 and 152279. RIBES NIGRUM L. Grossulariaceae.

Black currant.

From Canada. Plants presented by A. W. S. Hunter, Central Experimental Farm, Ottawa. Received Nov. 7, 1945.

152278. *O-381.*

152279. *O-393.*

152280 to 152303. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 7, 1945.

152280. *Earlaine.*

152292. *Red Warba.*

152281. *Erie.*

152293. *Sebago.*

152282. *Houma.*

152294. *Sequoia.*

152283. *Kasota.*

152295. *Teton.*

152284. *Mesaba.*

152296. *Calrose.*

152285. *Red Warba.*

152297. *Potomac.*

152286. *Sequoia.*

152298. *B-287-2.*

152287. *Warba.*

152299. *B-313-21.*

152288. *Katahdin.*

152300. *B-477-53.*

152289. *Mohawk.*

152301. *B-478-18.*

152290. *Pawnee.*

152302. *B-541-25.*

152291. *Pontiac.*

152303. *B-70-5.*

152304. POA PRATENSIS L. Poaceae.**Kentucky bluegrass.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 8, 1945.

152305 and 152306. PHALARIS ARUNDINACEA L. Poaceae.**Reed canary grass.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 8, 1945.

152305. Common type.

152306. Superior type.

152307 to 152327. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Ecuador. Seeds presented by Cristobal Ruiz, through Nicolas Agami R., Jefe de Despacho de la Dirección Técnica de Agricultura, Quito. Received Nov. 8, 1945.

152307. *Bravo Grueso (de enrame).*

152318. *Cholo (de enrame).*

152308. *Bayo.*

152319. *Frontino (de enrame).*

152309. *Bayo Largo (de enramè).*

152320. *Frutilla.*

152310. *Blanco (de enrame).*

152321. *Matahambre (de enrame).*

152311. *Blanco Torta.*

152322. *Matahambre (dwarf).*

152312. *Burrito.*

152323. *Misturiado Morado.*

152313. *Burrito (de enrame).*

152324. *Misturiado Rosado.*

152314. *Caballero (de enrame).*

152325. *Morongo.*

152315. *Canario.*

152326. *Negro Redondo (dwarf).*

152316. *Canario (de enrame).*

152327. *Palicero Amarillo.*

152317. *Cholito.*

152328 and 152329. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Algeria. Seeds presented by the American Consulate General, Algiers. Received Nov. 13, 1945.

152328. *Pusa × Mentana 9230.*

152329. *Pusa × Mentana 10359.*

152330 and 152331. ANNONA CHERIMOLA Mill. Annonaceae.**Cherimoya.**

From Peru. Seeds presented by H. L. Parker, Bureau of Entomology and Plant Quarantine, United States Department of Agriculture. Received Nov. 2, 1945.

152330. No. 1.

152331. No. 2.

152332. CARYA ILLINOENSIS (Wang.) K. Koch. Juglandaceae.**Pecan.**

From Florida. Trees purchased from the Monticello Nursery Co., Monticello. Received Nov. 15, 1945.

Mehan.

152333 to 152340.

From the Pacific Area. Seeds presented by Chaplain Anselm M. Keefe, c/o Postmaster, San Francisco, Calif. Received Nov. 15, 1945.

152333 and 152334. *CANNA* sp. Cannaceae.

152333. No. 39. From the island of Leyte, Philippine Islands.

152334. No. 40. From the Cape Cretin area, New Guinea.

152335. *CROTALARIA* sp. Fabaceae.

No. 31. From Port Moresby, Papua, New Guinea.

152336. *DESMODIUM* sp. Fabaceae.

No. 34. From Port Moresby, Papua, New Guinea.

152337. *IMPATIENS PLATYPETALA* Lindl. Impatiaceae.

No. 37. From Port Moresby, Papua, New Guinea.

152338 and 152339. *PLATYCERUM* sp. Polypodiaceae.

152338. No. 45. From Brisbane, Queensland, Australia.

152339. No. 46. From Brisbane, Queensland, Australia.

152340. *TAMARINDUS INDICA* L. Caesalpiniaceae.

Tamarind.

No. 4. From Australia.

152341 and 152342. SACCHARUM. Poaceae.

Sugarcane.

From Hawaii. Cuttings presented by the Hawaiian Sugar Planters' Assoc., Honolulu. Received Nov. 19, 1945.

152341. No. 37-1933.

152342. *Yellow Caledonia.*

152343. SOLANUM QUITOENSE Lam. Solanaceae.

Naranjilla.

From Ecuador. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Nov. 13, 1945.

Obtained through the American Embassy, Quito.

152344 to 152347. TRITICUM AESTIVUM L. Poaceae. **Common wheat.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 19, 1945.

152344. *Timopheeve* $\times 1018^2 \times 1383 \times 1902$.

152345. *Timopheeve* $\times 1018^2 \times 1383$.

152346. *Timopheeve* $\times 1018^2 \times 1383 \times 1315$.

152347. *Timopheeve* \times *Strinarde* "Timstein."

152348. PRUNUS. Amygdalaceae.

From Canada. Trees presented by F. L. Skinner, Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received Nov. 19, 1945.

Koslov Morello \times *Prunus pensylvanica*.

152349 to 152351. ZEA MAYS L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 20, 1945.

152349. *Mexican June.*

152350. *White Tuspan.*

152351. *Yellow Tuspan.*

152352. PARTHENIUM ARGENTATUM A. Gray. Asteraceae. Guayule.

From Maryland. Seeds obtained from the Division of Rubber Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 21, 1945.

152353 to 152360. BETA VULGARIS L. Chenopodiaceae. Sugar beet.

From Maryland. Seeds obtained from the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 21, 1945.

152353. *Acc. No. 6031.*

152357. *U. S. 15.*

152354. *G. W. 515.*

152358. *U. S. 33.*

152355. *American No. 1 (314).*

152359. *U. S. 200 × 215.*

152356. *Improved U. S. 22.*

152360. *U. S. 215 × 218.*

152361. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Sweden. Seeds presented by Sven H. Holmberg, Algot Holmberg & Soner A-B., Norrköping. Received Nov. 23, 1945.

Hybrid No. 398-97.

152362 and 152363.

From the Madeira Islands. Seeds presented by E. A. Menninger, Stuart, Fla. Received Nov. 23, 1945.

From G. Maul, Director of the Museum Municipal, Funchal.

152362. *CYTISUS MADERENSIS (Webb & Berth.) Masf. Fabaceae.*

Madeira broom.

152363. *OCHNA MULTIFLORA DC. Ochnaceae.*

152364. GUADUA ANGUSTIFOLIA Kunth. Poaceae. Bamboo.

From Argentina. Seeds presented by Enrique C. Clos, Chief, Division de Exploraciones e Introducción de Plantas, Buenos Aires. Received Nov. 23, 1945.

From the Territoria de Misiones.

152365. ARACHIS DIOGOI Hoehne. Fabaceae.

From Uruguay. Seeds presented by Dr. Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received Nov. 28, 1945.

Originally from Rio de Janeiro, Brazil.

152366 to 152368. GOSSYPIUM. Malvaceae. Cotton.

From Peru. Seeds presented by the Estación Experimental Agrícola de La Molina, Lima. Received Nov. 28, 1945.

152366. *Tanguis, L. M. No. 117-38.*

152367. *Tanguis, L. M. No. 7-35 (I. M. 16-38).*

152368. *Tanguis, Hualcara.*

152369 to 152375. AVENA SATIVA L. Poaceae. Oats.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 29, 1945.

152369. *Camellia.*

152373. *Quincy Red.*

152370. *Florida.*

152374. *Traveler.*

152371. *Lega.*

152375. *Verde.*

152372. *Lectoria.*

152376. *AMYGDALUS PERSICA* L. Amygdalaceae.

Peach.

From Costa Rica. Seeds presented by Capt. Claude Hope, American Cinchona Plantation, San José. Received Nov. 29, 1945.

152377. *CARYA ILLINOENSIS* (Wang.) K. Koch. Juglandaceae.

Pecan.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 29, 1945.

Originally from Meridian, Miss.

152378. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Nov. 29, 1945.

Erie.

152379 to 152384. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 3, 1945.

152379. *Bounty*.

152382. *Pritchard* × *Earlana*.

152380. *Danmark*.

152383. *Red River*.

152381. *Earlana*.

152384. *Sr. 28*.

152385 to 152412. *SOLANUM*. Solanaceae.

Potato.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 3, 1945.

152385. *B 24-78* × *Katahdin*.

152399. *47156* (*selfed*).

152386. *B 402-1* × *Katahdin*.

152400. *B 24-58* (*selfed*).

152387. *Dakota Red* × *247-44*.

152401. *4103-7* (*selfed*).

152388. *Dakota Red* × *B 24-76*.

152402. *47156* × *247-24*.

152389. *Earlaine* × *Teton*.

152403. × *103-7* × *B 395-5*.

152390. *Honderburg* × *B 44-14*.

152404. *D. Dog 627-126* × *247-24*.

152391. *Katahdin* × *B 38-16*.

152405. *B 41-1* × *B 44-14*.

152392. *Menemomel* × *Earlaine*.

152406. *245-25* × *247-48*.

152393. *President* × *Teton*.

152407. *245-25* × *46952*.

152394. *Sequoia* × *46952*.

152408. *247-42*.

152395. *Shamrock* × *46952*.

152409. *247-42* × *Menemomel*.

152396. *792-94* × *1241-91*.

152410. *528-194* × *247-42*.

152397. *792-88* × *B 61-3*.

152411. *792-133*.

152398. *41956* × *Menemomel*.

152412. *1276-48* × *247-48*.

152413 to 152428. *Gossypium*. Malvaceae.

Cotton.

From the British West Indies. Seeds presented by the Department of Agriculture, Kingstown, Saint Vincent. Received Dec. 3, 1945.

152413 to 152425. *Gossypium barbadense* L.

Sea-island cotton.

152413. *AN*.

152414. *BD Saint Vincent Rivers*.

152415. *Barbados Sea Island*.

152416. *Fiji Sea Island*.

152413 to 152428—Continued

152413 to 152425—Continued

152417. *Montserrat*.
 152418. *Neris Sea Island*.
 152419. *OSI* (ordinary).
 152420. *Puerto Rican Regular*.
 152421. *Russian*.
 152422. *Russian Sea Island*.
 152423. *Sea Island White Flower*.
 152424. *Sind Sea Island*.
 152425. *Saint Kitts Superfine Sea Island*.

152426 to 152428. GOSSYPIMUM.

152426. *Saint Vincent V. 135*.
 152427. *Superfine V. 46*.
 152428. *VH*.

152429 to 152436. ZEA MAYS L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 3, 1945.

- | | |
|------------------------|------------------------|
| 152429. <i>L 504</i> . | 152433. <i>L 548</i> . |
| 152430. <i>L 507</i> . | 152434. <i>L 562</i> . |
| 152431. <i>L 510</i> . | 152435. <i>L 568</i> . |
| 152432. <i>L 515</i> . | 152436. <i>L 569</i> . |

152437 to 152446.

From Morocco. Seeds obtained by C. J. Beall, Foreign Economic Administration, Washington, D. C. Received Dec. 3, 1945.

From the Centre de Recherches Agronomiques, Rabat.

152437 and 152438. AVENA SATIVA L. Poaceae.

Oats.

152437. No. 095. *Précoce Maroc*.
 152438. No. 153. *Tutrice*.

152439. HORDEUM VULGARE L. Poaceae.

Barley.

No. 071.

152440 to 152446. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

- | | |
|---------------------------------------|-------------------------------------|
| 152440. No. 250. <i>Caid Eleize</i> . | 152444. No. 2306. <i>Pinyte</i> . |
| 152441. No. 2511. <i>Caillouz</i> . | 152445. No. 272. <i>Sbei</i> . |
| 152442. No. 1315. <i>Floreille</i> . | 152446. No. 1658. <i>Zereamek</i> . |
| 152443. No. 1812. <i>Matah</i> . | |

152447. SOLANUM TUBEROSUM L. Solanaceae.

Potato.

From England. Tubers presented by the Ministry of Supply, Berkeley Court, London. Received Dec. 5, 1945.

Originally grown at the Cults Farm, Cults, Fife County, Scotland.

Eclipse (or *Sir John Llewellyn*).

152448 and 152449. AVENA SATIVA L. Poaceae.

Oats.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 5, 1945.

152448. *Beaver*.
 152449. *Wintok*.

152450 and 152451. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From Utah. Seeds obtained from the Agricultural Experiment Station, Logan.
Received Dec. 5, 1945.

152450. *Essar*.

152451. *Riverside*.

152452 and 152453. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

From Brazil. Seeds collected by Dr. W. A. Archer, Instituto Agronômico do Norte, Belém, Pará. Received Dec. 6, 1945.

152452. Lemon yellow.

152453. Cherry red.

152454 and 152455.

From Indiana. Plants purchased from Henderson's Botanical Gardens, Greensburg. Received Dec. 7, 1945.

152454. *ARISTOLOCHIA SERPENTARIA L. Aristolochiaceae.*

152455. *POLYGALA SENEGA L. Polygalaceae.*

Seneca-snakeroot.

152456 to 152464. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 7, 1945.

152456. *Black Valentine*.

152457. *Bountiful*.

152458. *Brittle Wax*.

152459. *Green Pod — Burpee's Stringless*.

152460. *Commodore*.

152461. *Full Measure*.

152462. *Golden Cluster Wax*.

152463. *Green Pod — Giant Stringless*.

152464. *U. S. No. 5 Refugee*.

152465 to 152472. OLEA EUROPAEA L. Oleaceae.

Common olive.

From northern Africa. Cuttings obtained by C. J. Beall, Foreign Economic Administration, Washington, D. C. Received Dec. 7, 1945.

152465. *Chetui*. From Jardin Di Essai, Tunis, Tunisia.

152466. *Chetui*. From near sea level about 10 km. from Tunis, Tunisia.

152467. *Chemlati*. From the Monastery of St. Joseph de Thibar, Tunisia.

152468. *Menara*. From Horticultural Station, Marrakesh, Morocco.

152469. *Meslala*. From the Horticultural Station, Marrakesh, Morocco.

152470. *White Italian*. From the Horticultural Station, Marrakesh, Morocco.

152471. A local variety from the Botanical Station, Marrakesh, Morocco.

152472. A wild variety from the Atlas Mountains.

152473. CANNA INDICA L. Cannaceae.

From Trinidad. Seeds presented by the Department of Agriculture, Saint Clair, Port-of-Spain. Received Nov. 23, 1945.

152474. ATROPA BELLADONNA L. Solanaceae.

Belladonna.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 11, 1945.

- 152475. SOLANUM TUBEROSUM L.** Solanaceae. **Potato.**
 From Ireland. Tubers presented by W. J. O'Neill, Garrycastle, Banagher, Offaly, through the Minister for Agriculture, Dublin. Received Dec. 12, 1945.
Skerry Champion.
- 152476. HUFELANDIA ANAY Blake.** Annonaceae. **Anay.**
 From Guatemala. Plants presented by J. Antonio Ramirez, Finca El Compromiso, Mazatenando. Received Dec. 12, 1945.
- 152477. CARUM CARVI L.** Apiaceae. **Caraway.**
 From Maryland. Seed obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 12, 1945.
- 152478. MELILOTUS ALBA Desf.** Fabaceae. **White sweetclover.**
 From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 12, 1945.
Evergreen.
- 152479 to 152483. LINUM USITATISSIMUM L.** Linaceae. **Flax.**
 From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 12, 1945.
- 152479. Calar.** **152482. Punjab Selection 10.**
152480. Hybrid 649 × Bison. **152483. Cheyenne.**
152481. North Dakota 5128.
- 152484. NICOTIANA TABACUM L.** Solanaceae. **Tobacco.**
 From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 12, 1945.
Variety 401.
- 152485. LYCOPERSICON ESCULENTUM Mill.** Solanaceae. **Tomato.**
 From Texas. Seeds obtained from the Agricultural Experiment Station, College Station. Received Dec. 13, 1945.
Summerset.
- 152486. LATHYRUS sp.** Fabaceae.
 From Iran. Seeds presented by Dr. Walter Koelz, Tehran. Received Dec. 13, 1945.
- 152487. TAMARIX APHYLLA (L.) Karst.** Tamaricaceae. **Athel.**
 From Maryland. Cuttings obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 13, 1945.
 From Sacaton, Ariz.
- 152488 and 152489.**
 From Brazil. Seeds presented by the Departamento da Produção Vegetal, Divisão de Experimentação e Pesquisas Instituto Agronômico, Campinas, São Paulo. Received Dec. 5, 1945.
- 152488. STIZOLOBIUM DEERINGIANUM Bort.** Fabaceae. **Deering velvetbean.**
I-7599, D-2086.
- 152489. STIZOLOBIUM NIVEUM (Roxb.) Kuntze.** Fabaceae. **Chinese velvetbean.**
I-7752, D-2193. From Argentina.

152490. PISUM SATIVUM L. Fabaceae.**Pea.**

From England. Seeds obtained from the National Institute of Agricultural Botany, Huntington Road, Cambridge. Received Nov. 30, 1945.

Cambridge "multipod."

152491 and 152492.

From Turkey. Seeds presented by Suphi Bey, Eskisehir, through the American Embassy, Ankara. Received Dec. 6, 1945.

152491. *BETA LOMATOGONA* Fisch. & Mey. Chenopodiaceae.

152492. *BETA TRIGYNA* Waldst. & Kit.

152493 to 152529.

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Newlands. Received Dec. 14, 1945.

152493 to 152496. *HESPERANTHA* spp. Iridaceae.

152493. *HESPERANTHA ANGUSTA* (Willd.) Ker.

No. 34.

152494. *HESPERANTHA BUHRII* L. Bolus.

No. 35.

152495. *HESPERANTHA* sp.

No. 37. Received under the name "pauciflora," for which a place of publication has not been found.

152496. *HESPERANTHA STANFORDIAE* L. Bolus.

No. 38.

152497 to 152500. *INDIGOFEA* spp. Fabaceae.

152497. *INDIGOFEA CYLINDRICA* DC.

No. 319.

152498. *INDIGOFEA CYTISIOIDES* L.

No. 320.

152499. *INDIGOFEA FILIFOLIA* Thunb.

No. 321.

152500. *INDIGOFEA LANGEBERGENSIS* L. Bolus.

No. 322.

152501 to 152516. *LACHENALIA* spp. Liliaceae.

152501. *LACHENALIA BACHMANNI* Baker.

No. 53.

152502. *LACHENALIA CONTAMINATA* Ait.

No. 54.

152503. *LACHENALIA JUNCIFOLIA* Baker.

No. 56.

152504. *LACHENALIA LATIFOLIA* Tratt.

No. 57.

152505. *LACHENALIA LILIFLORA* Jacq.

No. 58.

152506. *LACHENALIA MATHEWSII* Barker.

No. 59.

152507. *LACHENALIA MEDIANA* Jacq.

No. 60.

152508. *LACHENALIA MEMBRANACEA* Herre.

No. 61.

152493 to 152529—Continued

152501 to 152516—Continued

152509. *LACHENALIA MUTABILIS* Sweet.
No. 62.
152510. *LACHENALIA ORTHOPETALA* Jacq.
No. 63.
152511. *LACHENALIA PALLIDA* Ait.
No. 64.
152512. *LACHENALIA PUSILLA* Jacq.
No. 66.
152513. *LACHENALIA REFLEXA* Thunb.
No. 67.
152514. *LACHENALIA ROODEAE* Phillips.
No. 68.
152515. *LACHENALIA* sp.
No. 69.
152516. *LACHENALIA UNICOLOR* Jacq.
No. 70.
152517. *OCIMUM KILIMANDSCHARICUM* Gürke. Menthaceae.
No. 463.
- 152518 and 152519. *TEPHROSIA* spp. Fabaceae.
152518. *TEPHROSIA GLOMERULIFLORA* Meisn.
No. 398.
152519. *TEPHROSIA GRANDIFLORA* (Ait.) Pers.
No. 399.
- 152520 to 152529. *WATSONIA* spp. Iridaceae.
152520. *WATSONIA IRIDIFOLIA* var. *OBRIENI* N. E. Brown.
No. 109.
152521. *WATSONIA BEATRICIS* Mathews & L. Bolus.
No. 111.
152522. *WATSONIA GALPINII* L. Bolus.
No. 116.
152523. *WATSONIA MARGINATA* Ker.
No. 117.
152524. *WATSONIA MARIANA* (L.) P. Miller.
No. 118. Mixed colors.
152525. *WATSONIA ROSEA* Ker.
No. 119.
152526. *WATSONIA*.
No. 122. Van Staaverens hybrids.
152527. *WATSONIA VERSFELDIAE* Mathews & L. Bolus.
No. 123.
152528. *WATSONIA WILMANIAE* Mathews & L. Bolus.
No. 124. Mixed colors.
152529. *WATSONIA WORDSWORTHIANA* Mathews & L. Bolus.
No. 125.

152530. PHASEOLUS ACUTIFOLIUS var. **LATIFOLIUS** G. F. Freeman.
Fabaceae. **Tepary bean.**

From Arizona. Seeds presented by R. H. Peebles, Sacaton. Received Dec. 18, 1945.

152531 to 152541. HORDEUM VULGARE L. Poaceae. **Barley.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 18, 1945.

152531. *Arivat.*

152537. *Rojó.*

152532. *Atlas.*

152538. *Scarab.*

152533. *Flynn.*

152539. *Trebi.*

152534. *Manchuria.*

152540. *Vaughn.*

152535. *Marnobarb.*

152541. *Velvon.*

152536. *Peatland.*

152542. CAJANUS CAJAN (L.) Druce. Fabaceae. **Pigeonpea.**

From Brazil. Seeds presented by Amadeu A. Barbiellini, São Sebastião, São Paulo. Received Dec. 19, 1945.

152543 to 152554.

From the Union of South Africa. Seeds presented by Dr. L. C. C. Liebenberg, South African Department of Agriculture, Pretoria. Received Dec. 3, 1945.

152543. *ANDROPOGON* sp. Poaceae.

152544. *ARISTIDA BIPARTITA* Steud. Poaceae.

From Northam, Transvaal.

152545. *BRACHIARIA BRIZANTHA* (Hochst.) Stapf. Poaceae.

Rustenberg strain.

152546. *DIGITARIA ERIANTHA* Steud. Poaceae.

From Northam, Transvaal.

152547. *ERAGROSTIS BICOLOR* Nees. Poaceae.

From Middelburg, Cape Province.

152548. *GLYCINE JAVANICA* L. Fabaceae.

152549. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

From Pretoria.

152550. *PANICUM COLORATUM* L. Poaceae.

Makarikari strain.

152551. *SPOROBOLUS FIMBRIATUS* Nees. Poaceae.

From Northam, Transvaal.

152552. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb. Poaceae.

From confluence of Chobi and Zambezi Rivers.

152553. *SETARIA WOODII* Hack.

Somerset Estates strain.

152554. *UROCHLOA TRICHOPUS* (Hochst.) Stapf. Poaceae.

From Northam, Transvaal.

152555. SOLANUM sp. Solanaceae.

From Paraguay. Tubers presented by A. W. Patterson, Institute of Inter-American Affairs, Asunción. Received Dec. 19, 1945.

A wild species collected near Asunción.

152556. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From New Mexico. Seeds obtained from the Agricultural Experiment Station, State College. Received Dec. 20, 1945.

Pimenton Chili No. 9.

152557 and 152558. TRIFOLIUM REPENS L. Fabaceae. White clover.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 20, 1945.

152557. *Ladino*. From California.

152558. *Ladino*. From Oregon.

152559. JUNIPERUS PHOENICEA L. Pinaceae. Juniper.

From Morocco. Seeds obtained by C. J. Beall, Foreign Economic Administration, Washington, D. C. Received Dec. 5, 1945.

Collected in the Atlas Mountains at 5,000 feet altitude.

152560. ZEA MAYS L. Poaceae. Corn.

From California. Seeds purchased from the Aggeler & Musser Seed Co., Los Angeles. Received Dec. 26, 1945.

Big Jim.

152561 to 152563. BETA VULGARIS L. Chenopodiaceae. Sugar beet.

From Maryland. Seeds obtained from the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 26, 1945.

152561. *U. S. 33.*

152562. *U. S. 200* × 215.

152563. *U. S. 215* × 216.

152564 to 152568.

From Arabia. Seeds presented by A. T. Semple, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Oct. 22, 1945.

152564. *CYPHOMANDRA BETACEA* (Cav.) Sendt. Solanaceae. **Tree-tomato.**

From market, Addis Ababa, Ethiopia.

152565. *DOLICHOS LABLAB* L. Fabaceae. **Hyacinth-bean.**

From Bukon, near Aden, Arabia.

152566. *SORGHUM VULGARE* Pers. Poaceae.

From near Aden.

152567 and 152568. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

From flour mill, Aden.

152567. Local mixed varieties.

152568. Italian variety.

152569. DENDROCALAMUS STRICTUS Nees. Poaceae. Bamboo.

From Florida. Plant growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in Oct., 1945.

A clone of *Dendrocalamus strictus* (P. I. G. 2846) grown from seeds received from Dehra Dun, India, in 1927. The somewhat sinuous, thick-walled-to-solid, erect culms, 45 feet or more high and with nodding tips, make a very compact clump. The culm sheaths are stiffly coriaceous.

152570. PISUM SATIVUM L. Fabaceae. Pea.

From Ethiopia. Seeds collected by Glen W. Russ, American Legation, Addis Ababa. Received Dec. 11, 1945.

From Sagaba, Magna River, Arussi Province.

152571. *STIZOLOBIUM DEERINGIANUM* Bort. Fabaceae.

Deering velvetbean.

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received Dec. 5, 1945.

I-7751, D-2192. Originally from Argentina.

152572. *EUCOMMIA ULMOIDES* Oliver. Trochodendraceae.

From Washington. Seeds presented by R. Koepf, Park Maintenance Department, Seattle. Received Dec. 12, 1945.

152573. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From England. Seeds presented by Paul O. Nyhus, Agricultural Attaché, American Embassy, London. Received Dec. 17, 1945.

152574 to 152576. *ZEA MAYS* L. Poaceae.

Corn.

From Peru. Seeds obtained through the Servicio Cooperativo Inter-Americano, Ministerio de Agricultura, Lima. Received Dec. 27, 1945.

152574. Collected by G. D. Luther, Oct. 25, 1945, about 20 miles west of Iquitos.

152575. *Mais amarillo*. Collected by R. J. Seibert, Oct. 10, 1945, at Puerto Inca, Huanuco.

152576. *Mais blanco*. Collected by R. J. Seibert, Oct. 12, 1945, at Puerto Inca, Huanuco.

152577 to 153013. *SORGHUM VULGARE* Pers. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received Dec. 27, 1945.

From the Gezira Research Farm, Wad Medani, Anglo-Egyptian Sudan, December 1945. The original sources of these varieties, unless otherwise mentioned, are various localities in the Anglo-Egyptian Sudan.

152577. *Abu Kudur*. Blue Nile.

152578. *Abu Sabein*. Northern Province.

152579. *Abu Sari* (red). Blue Nile.

152580. *Addar (Abu Shar)*. Kordofan.

152581. *Addar* (glabrous). Kordofan.

152582. *Addar* (hirsute). Kordofan.

152583. *Addar (VI)*. Kordofan.

152584. *Againg*. Equatoria.

152585. *Ageu*. Equatoria.

152586. *Aish El Gash*. Kassala.

152587. *Ajih*. Equatoria.

152588. *Aklamoi* (red). Kassala.

152589. *Aklamoi* (white). Kassala.

152590. *Akol*. Equatoria.

152591. *Akur Gok*. Equatoria.

152592. *Akwaich*. Equatoria.

152593. *Ankolib Black*. Kordofan.

152594. *Ankolib Khafif*. Blue Nile.

152595. *Ankolib Red*. Kordofan.

152596. *Ankolib Tequil*. Blue Nile.

152597. *Bahana 1*. Blue Nile.

152598. *Bahana 2*. Blue Nile.

152577 to 153013—Continued

- 152599. *Bahana 3.* Blue Nile.
- 152600. *Bahana 4.* Blue Nile.
- 152601. *Bahana 5.* Blue Nile.
- 152602. *Bahana 6.* Kassala.
- 152603. *Bangitaba.* Kordofan.
- 152604. *Borgowi.* Kassala.
- 152605. *Beid El Kibish.* Kordofan.
- 152606. *Bein.* Equatoria.
- 152607. *Belig White.* Equatoria.
- 152608. *Birgalli Ahmar.* Kordofan.
- 152609. *Boody Black.* Equatoria.
- 152610. *Broom corn.* United States.
- 152611. *Budy.* Equatoria.
- 152612. *Caal.* Equatoria.
- 152613. *Cham.* Equatoria.
- 152614. *Culum Ahmar.* Kordofan.
- 152615. *Culum Brick.* Kordofan.
- 152616. *Culum Aswad.* Kordofan.
- 152617. *Culum Looman.* Kordofan.
- 152618. *Darfuri Grey.* Kordofan.
- 152619. *Darfuri Red.* Kordofan.
- 152620. *Darfuri Watani.* Kordofan.
- 152621. *Deburr.* Kassala.
- 152622. *Degail.* Kassala.
- 152623. *Dill.* Equatoria.
- 152624. *Feterita Fayoumi.* Blue Nile.
- 152625. *Abu Dereira D. S. 3.* Blue Nile.
- 152626. *Feterita Fayoumi D. S. 5.*
- 152627. *Feterita Fayoumi D. S. 6.*
- 152628. *Feterita Fayoumi D. S. 7.*
- 152629. *Feterita Fayoumi D. S. 8.*
- 152630. *Feterita Fayoumi D. S. 10.*
- 152631. *Feterita Fayoumi D. S. 11.*
- 152632. *Feterita Fayoumi D. S. 12.*
- 152633. *Feterita Fayoumi D. S. 13.*
- 152634. *Feterita Fayoumi D. S. 15.*
- 152635. *Feterita Fayoumi D. S. 16.*
- 152636. *Feterita Fayoumi D. S. 18.*
- 152637. *Feterita Fayoumi D. S. 21.*
- 152638. *Dwarf Feterita T. S. 5985.* United States.
- 152639. *Dwarf Feterita T. S. 6603.* United States.
- 152640. *Dwarf Hegari.* United States.
- 152641. *Dwarf Milo White.* United States.
- 152642. *Dwarf Milo Yellow.* United States.
- 152643. *El Galaa.*
- 152644. *Fanda.* Kordofan.
- 152645. *Feterita Abiad.* Blue Nile.
- 152646. *Feterita Gezira.* Blue Nile.

152577 to 153013—Continued

152647. *Feterita Fatisa*. Blue Nile.
152648. *Feterita Fayoumi*. Blue Nile.
152649. *Feterita Dueim*. Blue Nile.
152650. *Feterita Fulli*. Blue Nile.
152651. *Feterita Geshaish*. Blue Nile.
152652. *Feterita Holowin*. Blue Nile.
152653. *Feterita Harig 1*. Blue Nile.
152654. *Feterita Harig 2*. Blue Nile.
152655. *Feterita Kadugli*. Kordofan.
152656. *Feterita Kenana*. Blue Nile.
152657. *Feterita Maatuk*. Blue Nile.
152658. *Feterita 1931*. United States.
152659. *Feterita Spur T. S. 3232*. United States.
152660. *Feterita Shendi*. Northern Province.
152661. *Feterita Tereb*. Blue Nile.
152662. *Feterita Gondal*.
152663. *Fiki Mustahi*. Blue Nile.
152664. *Gadam El Haman*. Kassala.
152665. *Gadoom El Teital*. Kassala.
152666. *Galb El Jackus*. Kordofan.
152667. *Gassabi Gezira*. Blue Nile.
152668. *Gassabi G. R. F.* Blue Nile.
152669. *Gassabi Khaff*. Blue Nile.
152670. *Ghalla White*. Kordofan.
152671. *Gishish*. Blue Nile.
152672. *Hameza 1*. Blue Nile.
152673. *Hameza 2*. Blue Nile.
152674. *Hamisa*. Kassala.
152675. *Heger Taie*. Kassala.
152676. *Hegiri 1*. Blue Nile.
152677. *Hegiri Makwar*. Blue Nile.
152678. *Hegiri Sufi*. Blue Nile.
152679. No varietal name. Blue Nile.
152680. *Hemaisi Kamlin*. Blue Nile.
152681. *Hemaisi Red*. Blue Nile.
152682. *Hemaisi Red Shendi*. Northern Province.
152683. *Hemaisi Red Shendi Shersher*. Northern Province.
152684. *Hemaisi White*. Blue Nile.
152685. *Hemaisi Yellow*. Blue Nile.
152686. *Huria White*. Kordofan.
152687. *Imsak Maraatak*. Kordofan.
152688. *Jangi*. Kordofan.
152689. *Jangi*. Kordofan.
152690. *Kadeika*. Kordofan.
152691. *Kafir Blackhull*. United States.
152692. *Kafir Pink*. United States.
152693. *Kafir Red*. United States.
152694. *Kafir Slongi*. Kordofan.

152577 to 153013—Continued

- 152695. *Kalili* (*Kaleila*). Kordofan.
- 152696. *Karimaka*. Kordofan.
- 152697. *Kau*. Kordofan.
- 152698. *Keec*. Equatoria.
- 152699. *Kek*. Kordofan.
- 152700. *Keth*. Equatoria.
- 152701. *Kireniga*. Kordofan.
- 152702. *Klor*. Kordofan.
- 152703. *Kodilik*. Kordofan.
- 152704. *Kododok*. Kordofan.
- 152705. *Kokla*. Kordofan.
- 152706. *Kuddi*. Northern Province.
- 152707. *Kurgi*. Kordofan.
- 152708. *Laghab El Homar*. Northern Province.
- 152709. *Ladore*. Kordofan.
- 152710. *Lambas*. Kordofan.
- 152711. *Langre*. Kordofan.
- 152712. *Lou*. Equatoria.
- 152713. *Lowaya*. Equatoria.
- 152714. *Luel*. Equatoria.
- 152715. *Lwel*. Equatoria.
- 152716. *Maga Abiad*. Kordofan.
- 152717. *Maga Agbush*. Kordofan.
- 152718. *Maga Ahwar*. Kordofan.
- 152719. *Magbago* (*Fejulu*). Equatoria.
- 152720. *Magbago* (*Mangirma*). Equatoria.
- 152721. *Makoi*. Kordofan.
- 152722. *Maluk*. Kordofan.
- 152723. *Malwal Adair Jok* (pink). Equatoria.
- 152724. No varietal name. Equatoria.
- 152725. *Malwal aweil*. Equatoria.
- 152726. *Malwal Red*. Equatoria.
- 152727. *Malwal Tonj*. Equatoria.
- 152728. *Manalek*. Equatoria.
- 152729. *Marial* (cream colored). Equatoria.
- 152730. *Matchikah 1*. Equatoria.
- 152731. *Mendo*. Kordofan.
- 152732. *Merepeh*. Equatoria.
- 152733. *Merissa* (*Bari*). Equatoria.
- 152734. *Merissa* (*Kuku*). Equatoria.
- 152735. *Messeria*. Kordofan.
- 152736. *Monshal*. Equatoria.
- 152737. *Mugbash*. Blue Nile.
- 152738. *Mugud*. Blue Nile.
- 152739. *Mugud yellow*. Northern Province.
- 152740. *Nagad Blue*. Kordofan.
- 152741. *Nagad El Mur*. Kordofan.
- 152742. *Nagad Gray*. Kordofan.

152577 to 153013—Continued

- 152743. *Nagad Mur*. Kordofan.
- 152744. *Nagad White*. Kordofan.
- 152745. *Nilinili*. Kordofan.
- 152746. *Nilinili Yellow*. Kordofan.
- 152747. *Nyan Bau*. Equatoria.
- 152748. *Nyan Dok*. Equatoria.
- 152749. *Nyan Jang*. Equatoria.
- 152750. *Nyithin*. Equatoria.
- 152751. *Nytwal*. Equatoria.
- 152752. *Potch 1*.
- 152753. *Potch 2*.
- 152754. *Potch 3*.
- 152755. *Potch 4*.
- 152756. *Potch 5*.
- 152757. *Potch 6*.
- 152758. *Potch 7*.
- 152759. *Potch 8*.
- 152760. *Potch 9*.
- 152761. *Potch 10*.
- 152762. *Query 1*. Equatoria.
- 152763. *Query 2*. Equatoria.
- 152764. *Query 3*. Equatoria.
- 152765. *Query 6*. Equatoria.
- 152766. *Query 7*. Equatoria.
- 152767. *Query 8*. Equatoria.
- 152768. No varietal name.
- 152769. *Query 10*. Equatoria.
- 152770. *Query 11*. Equatoria.
- 152771. *Rahmetalla Gallabat*. Kassala.
- 152772. *Rahmetalla Pink*. Kassala.
- 152773. *Rahmetalla Singa*. Blue Nile.
- 152774. *Ras El Girid*. Kassalla.
- 152775. *Rego Black*. Equatoria.
- 152776. *Rego Gok*. Equatoria.
- 152777. *Rego White*. Equatoria.
- 152778. *Reri Dark*. Equatoria.
- 152779. *Reri Light*. Equatoria.
- 152780. *Rorok*. Kordofan.
- 152781. *Safara*. Kordofan.
- 152782. *Safra Abu Garada*. Blue Nile.
- 152783. *Safra Kohia*. Blue Nile.
- 152784. *Safra 1*. Blue Nile.
- 152785. *Safra 2*. Blue Nile.
- 152786. *Safra 3*. Blue Nile.
- 152787. *Safra 4*. Blue Nile.
- 152788. *Safra White Nile*. White Nile.
- 152789. *Shahm El Ghanam*. Kordofan.
- 152790. *Shellshelly Black*. Blue Nile.

152577 to 153013—Continued

152791. *Shellshelly White*. Blue Nile.
152792. *Shellshelly Cream*. Blue Nile.
152793. *Shemshem Red*. Blue Nile.
152794. *Shemshem White*. Blue Nile.
152795. *Solowai Purple*. Equatoria.
152796. *Solowai Red*. Equatoria.
152797. *Solowai White*. Equatoria.
152798. *Tafrindi*. Kordofan.
152799. *Tagosh*. Equatoria.
152800. *Tekeki*. Kordofan.
152801. *Thok* (brown). Equatoria.
152802. *Tingra*. Kordofan.
152803. *Torceek*. Kordofan.
152804. *Toto*. Kordofan.
152805. *Turuk Shaddo*. Kordofan.
152806. *Wad Akr*. Kordofan.
152807. *Wad Akr 1*. Blue Nile.
152808. *Wad Akr 2*. Blue Nile.
152809. *Wad Akr 3*. Blue Nile.
152810. *Wad Akr 4*. Blue Nile.
152811. *Wad Akr 5*. Blue Nile.
152812. *Wad Akr 6*. Blue Nile.
152813. *Wad Aker Red*. Blue Nile.
152814. *Wad Aker White*. Blue Nile.
152815. *Wad Bashir*. Kassala.
152816. *Wad Fur White*. Northern Province.
152817. *Wad El Gussair*. Kordofan.
152818. *Wad Musnid*. Blue Nile.
152819. *Yar*. Equatoria.
152820. *Yawang*. Equatoria.
152821. *Yom*. Equatoria.
152822. *Zerezira*. Blue Nile.
152823. *Zirizira*. Kassala.
152824. *U. T. 1*. Belgian Congo.
152825. *U. T. 4*. Belgian Congo.
152826. *U. T. 12*. Belgian Congo.
152827. *U. T. 20*. Belgian Congo.
152828. *U. T. 23*. Belgian Congo.
152829. *U. T. 24*. Belgian Congo.
152830. *U. T. 41*. Belgian Congo.
152831. *U. T. 69*. Belgian Congo.
152832. *U. T. 84*. Belgian Congo.
152833. *Bassa*. Kordofan.
152834. *Bangitbar*. Kordofan.
152835. *Culum Abiad*. Kordofan.
152836. *Kulum*. Kordofan.

152577 to 153013—Continued

- 152837. *Kurmuka*. Kordofan.
- 152838. *Nagad Crimsi*. Kordofan.
- 152839. *Safari*. Kordofan.
- 152840. *Targara*. Kordofan.
- 152841. *Gonna*. Kordofan.
- 152842. *Oro*. Kordofan.
- 152843. *El Maleit (El Millet)*. Kordofan.
- 152844. *Culum Aghbush*. Kordofan.
- 152845. *Zenari*. Northern Province.
- 152846. *Swaziland Sorgo ex Potchefstroom*.
- 152847. *Blacktop MN 392*. United States.
- 152848. "*Esland*" *ex Potchefstroom*.
- 152849. *Red Amber Cane MN 390*. United States.
- 152850. *Haakdoorn MN 394*. United States.
- 152851. *Debekri*. Northern Province.
- 152852. *Kavirondo*. Kenya.
- 152853. *Popping Corn (Durra)*.
- 152854. *Tahas 65*. Kordofan.
- 152855. *Duaræ Ganabi*.
- 152856. *Dari*. Equatoria.
- 152857. *Kalati Consa*. Equatoria.
- 152858. *Kigo*. Equatoria.
- 152859. *Odi Red*. Equatoria.
- 152860. *Merasi*. Equatoria.
- 152861. *Tunaak*. Kordofan.
- 152862. *Kulum Brown*. Kordofan.
- 152863. *Nagad Brown*. Kordofan.
- 152864. *Awaj El Bagar (red)*. Upper Nile.
- 152865. *Awaj El Bagar (striped and red)*. Upper Nile.
- 152866. *Boign White*. Upper Nile.
- 152867. *Boign Red*. Upper Nile.
- 152868. *Nyakina*. Upper Nile.
- 152869. *Paloich Kurgi*. Upper Nile.
- 152870. *Feterita Gondal*. Upper Nile.
- 152871. *Feterita Managil*. Blue Nile.
- 152872. *Feterita Abdel Magid*. Blue Nile.
- 152873. *Umm El Teiman*. Blue Nile.
- 152874. *Feterita Dueim*. White Nile.
- 152875. *Feterita Maatuk Fulli*. White Nile.
- 152876. *Wad el Fahl*. Blue Nile.
- 152877. *Wad Farag*. Kassala.
- 152878. *Behana; Bahama*. Kassala.
- 152879. *Lwel Kodok*. Upper Nile.
- 152880. *Lwel Fadiang*. Upper Nile.

152577 to 153013—Continued

152881. *Lwel Kochung*. Upper Nile.
152882. *Agono (Kaiadin)*. Equatoria.
152883. *Gassabi Istrahna*. Blue Nile.
152884. *Feterita Turis*. Blue Nile.
152885. *Feterita Ghubshan*. Blue Nile.
152886. *Feterita Nidiana*. Blue Nile.
152887. *Feterita Abu Deraira*. Blue Nile.
152888. *Andawa Red*. Darfur.
152889. *Andawa Yellow*. Darfur.
152890. *Ankolib White*. Kordofan.
152891. *Ankolib Red*. Kordofan.
152892. *Uganda G. 7; G. R. F.*
152893. *Uganda K. 6.*
152894. *Uganda L. 1.*
152895. *Uganda L. 6.*
152896. *Uganda T. 15.*
152897. *Muddinarayal*. Poona, Bombay, India.
152898. *Bilichigan*. Poona, Bombay, India.
152899. *Arua Rua*. Equatoria.
152900. *Adigo*. Equatoria.
152901. *Adigo Fokugu*. Equatoria.
152902. *Zori (Mori)*. Equatoria.
152903. *Godo*. Equatoria.
152904. *Ndola*. Equatoria.
152905. *Feterita Abu Diryra*. Blue Nile.
152906. *Messingu Ad (white)*. British Somaliland.
152907. *Messingu As (red)*. British Somaliland.
152908. *Ames Jowari Milo*. British Somaliland.
152909. *Mahananga*. British Somaliland.
152910. *Bazai*. Kassala.
152911. *Hegairi*. Kassala.
152912. *Waxy Milo*. United States (as *Sano 5404*).
152913. *Waxy Sooner Milo*. United States (as *Sano 5227-3*).
152914. *Waxy Club*. United States (as *Sano 5449*).
152915. *Waxy Kafir*. United States (as *Sano 5036*).
152916. *Lodoka*. Equatoria.
152917. *Merese*. Equatoria.
152918. *Ghalla Soda (Angallo)*. Kordofan.
152919. *Mala*. Kordofan.
152920. *Um Shili Shilat*. Kordofan.
152921. *Kiriariiga*. Kordofan.
152922. *Atong*. Kordofan.
152923. *Duro El Jack*. Kordofan.
152924. *Galb El Jackus (red)*. Kordofan.

152577 to 153013—Continued

152925. *Nagad Abiad* (B). Kordofan.
152926. *Culum Aghbush* (B). Kordofan.
152927. *Assali*. Kordofan.
152928. *Zanab el Faras*. Kordofan.
152929. *Tabala Hamra*. Kordofan.
152930. *Atawino*. Kordofan.
152931. *Sifaira*. Kordofan.
152932. *Tabala Beida*. Kordofan.
152933. *Shedadia*. Kordofan.
152934. *Nagad Rubai*. Kordofan.
152935. *Barking*. Kordofan.
152936. *Um Bayud*. Kordofan.
152937. *El Robei*. Kordofan.
152938. *Anganni*. Kordofan.
152939. *Gallag el Kharuf*. Kordofan.
152940. *Kalto*. Kordofan.
152941. *Dura el Mek*. Kordofan.
152942. *Achillo*. Kordofan.
152943. *Babush*. Kordofan.
152944. *Mosar*. Kordofan.
152945. *Tangosei*. Kordofan.
152946. *Ein El Gaong*. Kordofan.
152947. *Tarano*. Kordofan.
152948. *Tirtir*. Kordofan.
152949. *Fanda Asfar*. Kordofan.
152950. *Safra Sabdarat*. White Nile.
152951. *Barki*. Kordofan.
152952. *Kulum Oro*. Kordofan.
152953. *Chikkori*. Kordofan.
152954. *Rubai*. Kordofan.
152955. *Kamuria*. Equatoria.
152956. *Ejigo* (*Kaliko*). Equatoria.
152957. *Mberika* (*Kakwatribe*). Equatoria.
152958. *Akuan*. Equatoria.
152959. *Manawan*. Equatoria.
152960. *Atong Tong*. Equatoria.
152961. *Malnal*. Equatoria.
152962. *Mabior*. Equatoria.
152963. *Thok* (B). Equatoria.
152964. *Yom* (yellow). Equatoria.
152965. *Tada*. Equatoria.
152966. *Ayuak*. Equatoria.
152967. *Werakan*. Equatoria.
152968. *Acol*. Equatoria.

152577 to 153013—Continued

- 152969. *Kulmetn*. Equatoria.
- 152970. *Alnet*. Equatoria.
- 152971. *Awanlek*. Equatoria.
- 152972. *Ali Gidder*. Kassala.
- 152973. *Darfuri Brown*. Kordofan.
- 152974. *Shabet*. Kassala.
- 152975. *Moru*. Equatoria.
- 152976. *Barali*. Equatoria.
- 152977. *Diri*. Equatoria.
- 152978. *Cala*. Equatoria.
- 152979. *Gbangi Unigwa*. Equatoria.
- 152980. *Gbangi Diri*. Equatoria.
- 152981. *Gbangi Nyarango*. Equatoria.
- 152982. *Nyarango*. Equatoria.
- 152983. *Bari*. Equatoria.
- 152984. *Mangbgagu* (or *Rari*). Equatoria.
- 152985. *Barzagbara* (or *Mbirika*). Equatoria.
- 152986. *Nyan Dok Dur*. Equatoria.
- 152987. *Marial White*. Equatoria.
- 152988. *Nyan Dok* (early). Equatoria.
- 152989. *Wuiyo*. Equatoria.
- 152990. *Adol*. Equatoria.
- 152991. *Atual Tual*. Equatoria.
- 152992. *Belek Shol*. Equatoria.
- 152993. *Balek*. Equatoria.
- 152994. *Reggo*. Equatoria.
- 152995. *Adol Akop*. Equatoria.
- 152996. *Arom Ror*. Equatoria.
- 152997. *Adlwal Eig*. Equatoria.
- 152998. *Gumbilu*. Asmara, Eritrea.
- 152999. *Wizn Ashra*. Blue Nile.
- 153000. *Dolang*. Darfur.
- 153001. *Korowa*. Darfur.
- 153002. *Korjaj*. Darfur.
- 153003. *Feseikh*. Darfur.
- 153004. *Mareig*. Darfur.
- 153005. *Dakoub*. Darfur.
- 153006. *Beno*. Equatoria.
- 153007. *Hargari-Borgeig*. Northern Province.
- 153008. (No varietal name.)
- 153009. (No varietal name.)
- 153010. (No varietal name.)
- 153011. (No varietal name.)
- 153012. *Gaya 3*.
- 153013. *Gaya 4*.

153014 to 153047. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Dec. 29, 1945.

153014. <i>Illinois A.</i>	153031. <i>Iowa 1205.</i>
153015. <i>Illinois Hy.</i>	153032. <i>Iowa 1234.</i>
153016. <i>Illinois K.</i>	153033. <i>Iowa L289.</i>
153017. <i>Illinois R4.</i>	153034. <i>Iowa L317.</i>
153018. <i>Illinois 90.</i>	153035. <i>Iowa B1 345.</i>
153019. <i>Illinois 4211.</i>	153036. <i>Iowa B1 349.</i>
153020. <i>Illinois 4226.</i>	153037. <i>Iowa Mc 401.</i>
153021. <i>Illinois 4451.</i>	153038. <i>Iowa Os 420.</i>
153022. <i>Illinois 5120.</i>	153039. <i>Iowa Os 426.</i>
153023. <i>Indiana B2.</i>	153040. <i>Iowa Cl 447.</i>
153024. <i>Indiana H6.</i>	153041. <i>Iowa ITE 701.</i>
153025. <i>Indiana Tr.</i>	153042. <i>Ohio 26.</i>
153026. <i>Indiana WF9.</i>	153043. <i>Ohio 51.</i>
153027. <i>Indiana 38-11.</i>	153044. <i>Ohio 56.</i>
153028. <i>Indiana 68.</i>	153045. <i>Ohio 65.</i>
153029. <i>Indiana 461-3.</i>	153046. <i>Ohio 67.</i>
153030. <i>Indiana L.</i>	153047. <i>Ohio 84.</i>

153048. SACCHARUM. Poaceae.**Sugarcane.**

From Ecuador. Cuttings presented by the Estación Experimental Agrícola, Guayaquil. Received Dec. 4, 1945.

Negritas.

153049. SOLANUM QUITOENSE Lam. Solanaceae.**Naranjilla.**

From Ecuador. Seeds presented by the Estación Experimental Agrícola, Guayaquil. Received Dec. 17, 1945.

M. A. S. 11059. From Baños, Tungurahua. Sept. 25, 1945.

153050 and 153051.

From Vermont. Seeds presented by E. M. Meader, Agricultural Experiment Station, Burlington. Received Dec. 5, 1945.

153050. RUBUS ODORATUS L. Rosaceae.

A superior type from between Bristol and Warren.

153051. SAMBUCUS CANADENSIS L. Caprifoliaceae.**Elderberry.**

From near Warren.

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Plant Inventory No. 154

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., November 1952



PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION, JANUARY 1 TO DECEMBER 31, 1946 (Nos. 153052 to 157146)

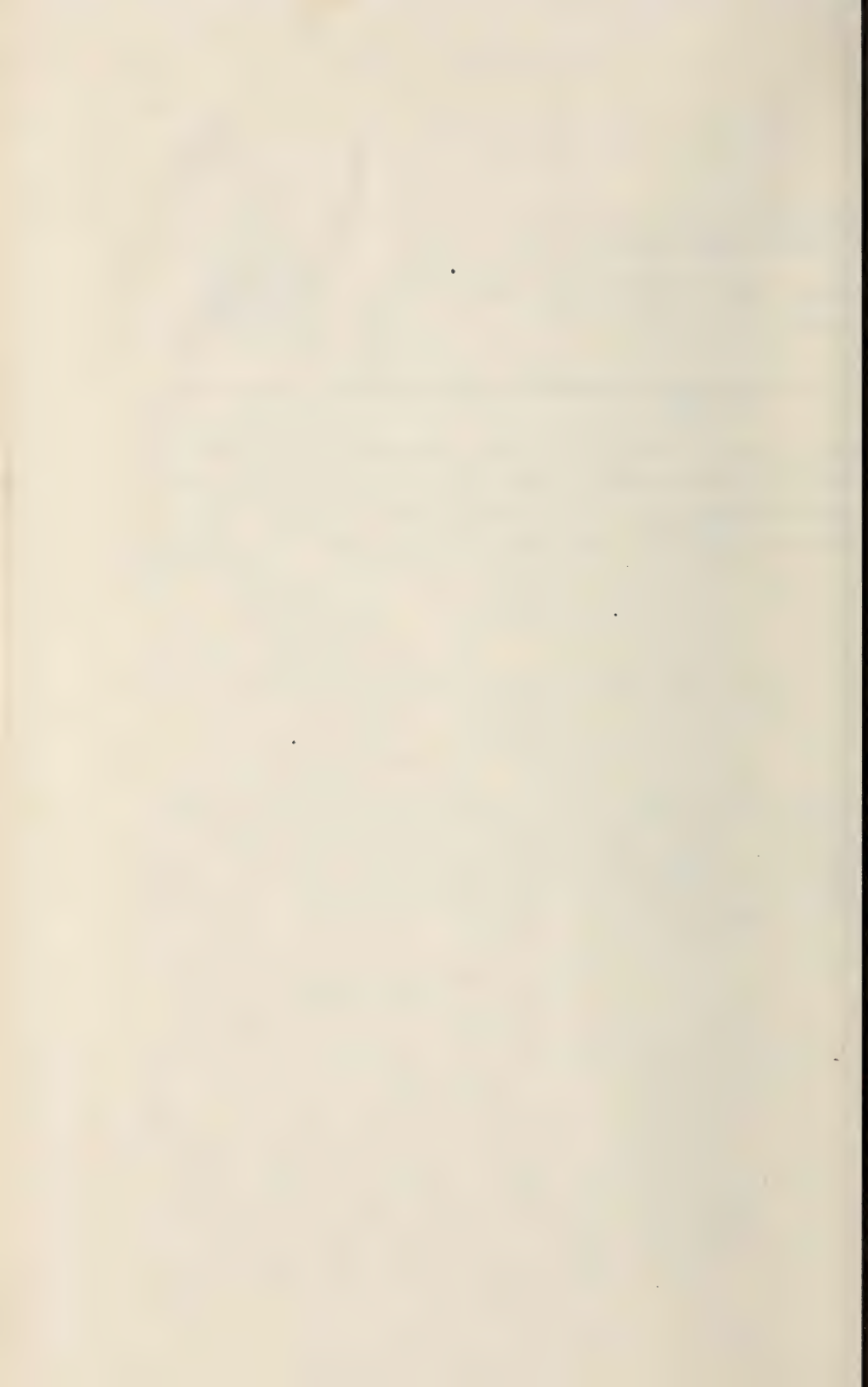
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This inventory, No. 154, lists the plant material (Nos. 153052 to 157146) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1946. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*



INVENTORY

153052. SCHISMUS BARBATUS (L.) Thell. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received Jan. 3, 1946.

153053 to 153067.

From Southern Rhodesia. Seeds presented by the Department of Agriculture, Salisbury. Received Jan. 2, 1946.

153053. BRACHIARIA DICTYONEURA (Fig. & De Not.) Stapf. Poaceae.

153054 and 153055. CHLORIS GAYANA Kunth. Poaceae. Rhodes grass.

153054. Hunyani Grass.

153055. Giant Rhodes Grass.

153056. CROTALARIA DILLONIANA Baker. Fabaceae.

153057. CROTALARIA sp.

153058. CROTALARIA RECTA A. Rich.

An erect plant 2 to 3 feet high with obovate-oblong leaflets and small flowers in a terminal raceme 6 to 9 inches long. Native to Ethiopia.

153059. GLYCINE JAVANICA L. Fabaceae.

153060. INDIGOFERA HIRSUTA L. Fabaceae. Indigo.

153061. INDIGOFERA THEUSCHII O. Hoffm. Indigo.

A densely branched, herbaceous plant with small pinnate leaves and pinkish flowers in lax racemes 2 to 3 inches long. Native to southwestern Africa.

153062. PANICUM COLORATUM L. Poaceae.

153063. PANICUM MAXIMUM Jacq. Guinea grass.

Purple-top Buffel Grass.

153064. PENNISETUM CILIARE (L.) Link. Poaceae.

153065. SETARIA LONGISETA (Beauv.) Chase. Poaceae.

153066. SETARIA SPLENDIDA Stapf.

153067. SORGHUM ARUNDINACEUM (Willd.) Stapf. Poaceae.

153068. ZAMIA PUMILA L. Cycadaceae.

From Cuba. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Jan. 21, 1946.

Originally received as seeds from R. M. Grey, Atkins Institution, Harvard University, Soledad, Cienfuegos.

153069. QUERCUS SUBER L. Fagaceae. Cork oak.

From California. Seeds presented by The Crown Cork and Seal Co., Baltimore, Md. Received Jan. 18, 1946.

From Fresno.

153070 to 153092. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 2, 1946.

- | | |
|--------------------------------------|--------------------------------|
| 153070. <i>Australian Saucer.</i> | 153082. <i>Golden Jubilee.</i> |
| 153071. <i>Babcock.</i> | 153083. <i>Greensboro.</i> |
| 153072. <i>Belle.</i> | 153084. <i>Halehaven.</i> |
| 153073. <i>Chinese Cling.</i> | 153085. <i>Hiley.</i> |
| 153074. <i>Cumberland.</i> | 153086. <i>J. H. Hale.</i> |
| 153075. <i>Dixie Gem.</i> | 153087. <i>Muir.</i> |
| 153076. <i>Dixie Red.</i> | 153088. <i>Phillips Cling.</i> |
| 153077. <i>Early Crawford.</i> | 153089. <i>Redhaven.</i> |
| 153078. <i>Early Elberta.</i> | 153090. <i>Sunhigh.</i> |
| 153079. <i>Elberta.</i> | 153091. <i>Triogem.</i> |
| 153080. <i>Fireglow.</i> | 153092. <i>Valiant.</i> |
| 153081. <i>Gemmers Late Elberta.</i> | |

153093 to 153095. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 2, 1946.

153093. *Golden East.*
 153094. *Raritan Rose.*
 153095. *Summercrest.*

153096 to 153099. AVENA SATIVA L. Poaceae. Oats.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Jan. 2, 1946.

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| 153096. No. 657. <i>Bambu.</i> | 153098. No. 692. <i>Larain.</i> |
| 153097. No. 541. <i>Lanark.</i> | 153099. No. 665. <i>Primus.</i> |

153100 to 153103. BRASSICA OLERACEA VAR. CAPITATA L. Brassicaceae. Cabbage.

From Michigan. Seeds purchased from the Ferry-Morse Seed Co., Detroit. Received Jan. 3, 1946.

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|-------------------------------------|-----------------------------------|
| 153100. <i>Ferry's Round Dutch.</i> | 153102. <i>Jersey Queen.</i> |
| 153101. <i>Golden Acre.</i> | 153103. <i>Resistant Detroit.</i> |

153104. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From China. Seeds obtained from C. C. Chang, Director of Agricultural Rehabilitation, Kansu Provincial Government, Lanchow, Kansu Province. Received Jan. 4, 1946.

Spring wheat; resistant to rust; nonlodging; yield high.

153105 to 153107. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Georgia. Seeds purchased from the H. G. Hastings Co., Atlanta. Received Jan. 4, 1946.

153105. *Hastings Super-Marglobe.*
 153106. *Hastings Everbearing Scarlet Globe.*
 153107. *Louisiana Pink.*

153108 to 153119.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 4, 1946.

153108 to 153111. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.

153108. *Blenheim*. 153110. *Sofia*.

153109. *Perfection*. 153111. *Tilton*.

153112 and 153113. PRUNUS Cerasus L. Sour cherry.

153112. *Early Richmond*.

153113. *Montmorency*.

153114. PRUNUS ARMENIACA L. Apricot.

Riland.

153115. PRUNUS Cerasus L. Sour cherry.

St. Medard.

153116 to 153119. PYRUS COMMUNIS L. Malaceae. Common pear.

153116. *Anjou*. 153118. *Seckel*.

153117. *Bartlett*. 153119. *Winter Nelis*.

153120. TRITICUM DURUM Desf. Poaceae. Durum wheat.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 8, 1946.

Carlton Durum.

153121. ZEA MAYS L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 8, 1946.

Iowa Hybrid 306.

153122 to 153127. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

From Réunion. Seeds obtained from Lionel de Tourris & Cie, Saint Denis. Received Jan. 2, 1946.

153122. No. 6. *Pois d'Achery, Panaché Bleu*.

153123. No. 4. *Pois d'Achery, Blanco*.

153124. No. 3. *Pois d'Achery, Panaché Rouge*.

153125. No. 2. *Pois d'Achery Sauvage*.

Said to be poisonous.

153126. No. 1. *Pois Dragee*.

153127. No. 5. *Pois La Reine*.

153128. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From England. Seeds presented by Sutton & Sons, Ltd., Reading, through the British Commonwealth Scientific Office, Washington, D. C. Received Jan. 11, 1946.

153129. CHENOPODIUM ANTHELMINTICUM L. Chenopodiaceae.

From Maryland. Seeds obtained from the Carroll County Essential Oil Co., Woodbine. Received Jan. 11, 1946.

153130 to 153152. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases,
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received Jan. 14, 1946.

153130. <i>Aoda</i> .	153142. <i>Macoupin</i> .
153131. <i>Armrodo</i> .	153143. <i>Mingo</i> .
153132. <i>Boone</i> .	153144. <i>Monetta</i> .
153133. <i>Charlee</i> .	153145. <i>Mukden</i> .
153134. <i>Cherokee</i> .	153146. <i>Ogden</i> .
153135. <i>Chief</i> .	153147. <i>Patoka</i> .
153136. <i>Clemson Non-shatter</i> .	153148. <i>Richland</i> .
153137. <i>Creole</i> .	153149. <i>Rokusun-17</i> .
153138. <i>Dunfield</i> .	153150. <i>Seminole</i> .
153139. <i>Gibson</i> .	153151. <i>Tastee</i> .
153140. <i>Hahto-3</i> .	153152. <i>Volstate</i> .
153141. <i>Lincoln</i> .	

153153. CASTANEA MOLLISSIMA Blume. Fagaceae. Hairy chestnut.

From China. Seeds presented by the National Bureau of Forest Research, Koleshan, Chungking, Szechwan. Received Jan. 14, 1946.

Collected near Tsingmakwan, and Nanchuan, Szechwan.

153154 and 153155. HORDEUM VULGARE L. Poaceae. Barley.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases,
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received Jan. 22, 1946.

153154. <i>Chevron</i> .
153155. <i>Titan</i> .

153156 to 153165.

From Argentina. Seeds presented by Ing. Humberto Berti T., Universidad de La Plata, La Plata. Received Jan. 16, 1946.

153156 to 153159. <i>ARACHIS HYPOGAEA</i> L. Fabaceae.	Common peanut.
153156. 44-183.	153158. 44-187.
153157. 44-185.	153159. 44-190.
153160 to 153164. <i>HELIANTHUS ANNUUS</i> L. Asteraceae.	Sunflower.
153160. No. 787. <i>Kruglik</i> . Selection Pergamino.	
153161. No. 788. <i>Saratov</i> . Selection Pergamino.	
153162. No. 789. Selection Klein.	
153163. No. 790. <i>Skorospelhi</i> . Selection Pergamino.	
153164. Mixed varieties.	
153165. <i>RICINUS COMMUNIS</i> L. Euphorbiaceae.	Castor-bean.
<i>Tartago</i> .	

153166. SORGHUM VULGARE Pers. Poaceae.

From the Union of South Africa. Seeds presented by C. R. Enlow, Agricultural Attaché, Pretoria. Received Jan. 11, 1946.

Kafir from near Rust der Winter on the Limpopo River.

153167 to 153173. ARACHIS HYPOGAEA L. Leguminosae.**Common peanut.**

From Argentina. Seeds presented by the Estación Experimental Nacional Central, Buenos Aires. Received Jan. 21, 1946.

153167 and 153168. From the Province of Buenos Aires.

153169. From the Province of Corrientes.

153170. From the Territory of Misiones.

153171 to 153173. From the Province of Corrientes.

153174 to 153179. ORYZA SATIVA L. Poaceae.**Rice.**

From Maryland. Seeds from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 22, 1946.

153174. *Calady 40*.

153177. *Lady Wright*.

153175. *Delitus*.

153178. *Iola*.

153176. *Improved Blue Rose*.

153179. *Zenith*.

153180 to 153202.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 22, 1946.

153180 to 153184. AVENA SATIVA L. Poaceae.**Oats.**

153180. *Clinton*.

153183. *Stanton*.

153181. *Forvic*.

153184. *Vicland*.

153182. *Marion*.

153185 to 153195. HORDEUM VULGARE L. Poaceae.**Barley.**

153185. *Alpha*.

153191. *Sanalta*.

153186. *Hannchen*.

153192. *Spartan*.

153187. *Horn*.

153193. *Trebi*.

153188. *Mars*.

153194. *Velvon 11*.

153189. *Montcalm*.

153195. *Wisconsin Barbless*.

153190. *Rex*.

153196 to 153200. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

153196. *Cadet*.

153199. *Tenmarq*.

153197. *Carleton*.

153200. *Thorne*.

153198. *Hymar*.

153201 and 153202. ZEA MAYS L. Poaceae.**Corn.**

153201. *Iowa Hybrid 306*.

153202. *Minhybrid 404*.

153203 to 153308. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From Belgium. Seeds presented by the Belgian Department of Agriculture, Brussels. Received Jan. 23, 1946.

153203. *B-2*.

153208. *B-9*.

153204. *B-3*.

153209. *B-10*.

153205. *B-4*.

153210. *B-11*.

153206. *B-5*.

153211. *B-12*.

153207. *B-6*.

153212. *B-15 (821)*.

153203 to 153308—Continued

153213. <i>B-16.</i>	153255. <i>J-46.</i>
153214. <i>B-17.</i>	153256. <i>J-50.</i>
153215. <i>B-18 (824).</i>	153257. <i>J-54.</i>
153216. <i>B-19.</i>	153258. <i>J-52.</i>
153217. <i>B-20.</i>	153259. <i>J-54.</i>
153218. <i>B-21.</i>	153260. <i>J-56.</i>
153219. <i>B-22.</i>	153261. <i>J-58.</i>
153220. <i>B-23.</i>	153262. <i>J-61.</i>
153221. <i>B-24.</i>	153263. <i>J-62A.</i>
153222. <i>B-25.</i>	153264. <i>N-1.</i>
153223. <i>B-26.</i>	153265. <i>N-2 (Grignon 10).</i>
153224. <i>B-27.</i>	153266. <i>N-3 (236).</i>
153225. <i>B-29.</i>	153267. <i>N-4 (Black O).</i>
153226. <i>B-30.</i>	153268. <i>N-5 (8081).</i>
153227. <i>B-31.</i>	153269. <i>N-6 (850).</i>
153228. <i>B-32.</i>	153270. <i>N-7.</i>
153229. <i>B-33.</i>	153271. <i>N-8.</i>
153230. <i>B-34.</i>	153272. <i>N-9 (810).</i>
153231. <i>B-33.</i>	153273. <i>N-10 (Delitzzer).</i>
153232. <i>J-2.</i>	153274. <i>N-11.</i>
153233. <i>J-5 (Wanengin).</i>	153275. <i>N-14 (771).</i>
153234. <i>J-5A.</i>	153276. <i>N-15 (809).</i>
153235. <i>J-6 (Grignon).</i>	153277. <i>N-18 (489).</i>
153236. <i>J-8.</i>	153278. <i>N-19 (815).</i>
153237. <i>J-10 (Grignon).</i>	153279. <i>N-20 (8021).</i>
153238. <i>J-14.</i>	153280. <i>N-21.</i>
153239. <i>J-15.</i>	153281. <i>N-22.</i>
153240. <i>J-21.</i>	153282. <i>N-23.</i>
153241. <i>J-22.</i>	153283. <i>N-24 (793).</i>
153242. <i>J-23.</i>	153284. <i>N-25 (Noir de Toulouse (785) Vilmorin).</i>
153243. <i>J-24.</i>	153285. <i>N-26.</i>
153244. <i>J-26.</i>	153286. <i>N-27 (Tokio Nain Noir (787) Vilmorin).</i>
153245. <i>J-28.</i>	153287. <i>N-28.</i>
153246. <i>J-29.</i>	153288. <i>N-29 (788).</i>
153247. <i>J-31.</i>	153289. <i>N-30 (638).</i>
153248. <i>J-32 (851).</i>	153290. <i>N-31 (816).</i>
153249. <i>J-35.</i>	153291. <i>N-32 (Karbine (786) Vilmorin).</i>
153250. <i>J-35A.</i>	153292. <i>N-33.</i>
153251. <i>J-39.</i>	153293. <i>N-34.</i>
153252. <i>J-40.</i>	153294. <i>N-36.</i>
153253. <i>J-44.</i>	
153254. <i>J-48.</i>	

153203 to 153308—Continued

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| 153295. <i>N-37.</i> | 153302. <i>V-16.</i> |
| 153296. <i>V-4.</i> | 153303. <i>Brown X.</i> |
| 153297. <i>V-6.</i> | 153304. <i>Grignon 37.</i> |
| 153298. <i>V-9 (Rouest 246).</i> | 153305. <i>Petit Jaune de Hougrie.</i> |
| 153299. <i>V-12 (815).</i> | 153306. <i>Rouest 29.</i> |
| 153300. <i>V-13.</i> | 153307. <i>Tokio Nain Noir.</i> |
| 153301. <i>V-14.</i> | 153308. <i>Yellow.</i> |

153309 to 153321. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From France. Seeds presented by A. Matagrín, Chindrieux, Savoie. Received Jan. 24, 1946.

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| 153309. <i>Bergerac.</i> | 153316. <i>Meng Tseu.</i> |
| 153310. <i>Cairo.</i> | 153317. <i>Onze Novembre.</i> |
| 153311. <i>C.N.S. 24 (de Charlien).</i> | 153318. <i>Sun.</i> |
| 153312. <i>Japonica.</i> | 153319. <i>Tohang.</i> |
| 153313. <i>Kleverhof.</i> | 153320. <i>Tokio Jaune d'Aubignun.</i> |
| 153314. <i>Kong Fou Tseu.</i> | 153321. <i>Vert d'Agen.</i> |
| 153315. <i>Maguisard.</i> | |

153322 to 153344. ARACHIS. Fabaceae.**Peanut.**

From the Union of South Africa. Seeds presented by the Potchefstroom College of Agriculture and Experiment Station, Pretoria, Transvaal. Received Jan. 28, 1946.

153322 to 153331. Rustenburg \times Hebbal.

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| 153322. <i>No. G. 92</i> | 153327. <i>No. G. 57.</i> |
| 153323. <i>No. G. 105.</i> | 153328. <i>No. G. 59.</i> |
| 153324. <i>No. G. 108.</i> | 153329. <i>No. G. 68.</i> |
| 153325. <i>No. G. 112.</i> | 153330. <i>No. G. 340.</i> |
| 153326. <i>No. G. 44.</i> | 153331. <i>No. G. 342.</i> |

153332. *Jumbo \times Hebbal No. G. 118.*153333. *Jumbo \times Hebbal No. G. 122.*153334. *Jumbo \times Hebbal No. G. 74.*153335. *Rustenburg \times Java 10 No. G. 132.*153336. *Rustenburg \times Java 10 No. G. 346.*153337. *Rustenburg \times Natal Common No. G. 66.***153338 to 153341. Arachis nambyquarae \times Java 10.**

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| 153338. <i>No. G. 144.</i> | 153340. <i>No. G. 348.</i> |
| 153339. <i>No. G. 90(a).</i> | 153341. <i>No. G. 21.</i> |

153342. *Arachis nambyquarae \times Hebbal No. G. 345.*153343. *Potch. 570 \times Arachis nambyquarae No. G. 336. Very large pods.*153344. *Virginia Bunch \times Rustenburg No. G. 6. Fodder type.***153345 and 153346. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

From Wyoming. Seeds from the United States Horticultural Field Station, Cheyenne. Received Jan. 28, 1946.

153345. *Danmark.*153346. *Johannisfeuer.*

153347. SCHISMUS sp. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Jan. 2, 1946.

153348. PANICUM MAXIMUM Jacq. Poaceae.**Guinea grass.**

From Colombia. Seeds obtained by R. E. Culbertson, Soil Conservation Service, United States Department of Agriculture. Received Jan. 16, 1946.

Guinea Sempreverde.

153349 to 153351. PISUM SATIVUM L. Fabaceae.**Pea.**

From Ecuador. Seeds presented by the Jefe de Genetica de La Sierra, Ministerio de Agricultura, Quito. Received Jan. 16, 1946.

153349. Common type.

153350. *Arvejon.*

153351. *Arvejas Verdes.*

153352 and 153353.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received Jan. 18, 1946.

153352. *ERAGROSTIS LEHMANNIANA* Nees. Poaceae.

153353. *PANICUM COLORATUM* L. Poaceae.

153354 to 153357.

From Canada. Seeds presented by the University of Manitoba, Winnipeg, Manitoba. Received Jan. 18, 1946.

153354. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

Sturoy.

153355. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

Macsel.

153356. *MELILOTUS OFFICINALIS* L.

Yellow sweetclover.

Aura.

153357. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

Dural.

153358 to 153367. GYLICINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 30, 1946.

153358. *Boone.*

153363. *Macoupin.*

153359. *Chief.*

153364. *Ogden.*

153360. *Dunfield.*

153365. *Patoka.*

153361. *Jogun-2.*

153366. *Scioto.*

153362. *Lincoln.*

153367. *Volstate.*

153368. CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

From California. Seeds obtained from the United States Horticultural Station, La Jolla. Received Jan. 30, 1946.

Texas Resistant No. 1.

153369 to 153372. LINUM USITATISSIMUM L. Linaceae.**Flax.**

From Oregon. Seeds obtained from the Division of Cotton and Other Fibers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland. Received Jan. 31, 1946.

153369 to 153372—Continued153369. *Cascade*. 153371. *Martin*.153370. *Cirrus*. 153372. *Pacific*.**153373 to 153379. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Argentina. Tubers presented by Ing. I. Tarasiuk, Vivero de Bosque, La Plata, Buenos Aires. Received Jan. 31, 1946.

153373. From Salta. 153377. From southern Argentina.

153374. From northern Argentina. 153378. From Rio de la Plata.

153375. From southern Argentina. 153379. Pichuguina, originally from

153376. From southern Boriloché. Chile.

153380. TAXODIUM DISTICHUM (L.) Rich. Pinaceae. Bald cypress.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received Jan. 31, 1946.

153381 to 153397.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 31, 1946.

153381 and 153382. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. **Crested wheatgrass.**153381. *Fairway*.153382. *Standard*.153383. AGROPYRON TRACHYCAULUM (Link) Malte. **Slender wheatgrass.**

153384. BOUTELOUA CURTIPENDULA (Michx.) Torr. Poaceae.

153385. BOUTELOUA GRACILIS (H. B. K.) Lag.

153386. ELYMUS JUNCEUS Fisch. Poaceae.

153387. ERAGROSTIS CURVULA (Schrud.) Nees. Poaceae.

153388. ERAGROSTIS TRICHODES (Nutt.) Wood.

153389 and 153390. MELILOTUS ALBA Desr. Fabaceae. **White sweetclover.**153389. *Evergreen Sweet*.153390. *Spanish*.153391. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.***Madrid*.153392. TRIFOLIUM INCARNATUM L. Fabaceae. **Crimson clover.***Dixie Crimson*.153393 to 153395. TRIFOLIUM PRATENSE L. **Red clover.**153393. *Midland Red*.153394. *Cumberland Red*.153395. *Louisiana Red*.

153396. TRIFOLIUM PROCUMBENS L.

Large Hop.

153397. TRIFOLIUM RESUPINATUM L.

Persian.

153398 to 153402. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Virginia. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland. Received Jan. 30, 1946.

153398. *Adcock.*153401. *Warne.*153399. *Cash.*153402. *White Stem.*153400. *Little Orinoco.***153403. DIGITARIA ERIANTHA Steud. Poaceae.**

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received Jan. 18, 1946.

*Silver Bullet.***153404 to 153407.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 25, 1946.

153404. *PASPALUM NOTATUM* Fluegge. Poaceae.**Bahia grass.***Paraguay.*153405. *PASPALUM NOTATUM* Fluegge.*Pensacola.*153406. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.153407. *BOUTELOUA GRACILIS* (H. B. K.) Lag.**153408. UMBELLULARIA CALIFORNICA (Hook. & Arn.) Nuttall.**

Lauraceae.

California laurel.

From California. Seeds purchased from Eustace Rush, Burbank. Received Feb. 4, 1946.

153409 to 153424. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 4, 1946.

153409 to 153412. *Minnhybrid.*153409. *No. 407.*153411. *No. 602.*153410. *No. 408.*153412. *No. 505.*153413 to 153417. *Kansas Hybrid.*153413. *No. 1588.*153416. *No. 1639.*153414. *No. 1620.*153417. *No. 1634.*153415. *No. 1412.*153418 to 153420. *Iowa Hybrid.*153418. *No. 931.*153419. *No. 939.*153420. *No. 4297.*153421 to 153423. *U. S. Hybrid.*153421. *No. 18.*153422. *No. 35.*153423. *No. 44.*153424. *Funk Hybrid.**No. G. 114.*

153425 to 153436.

From Uruguay. Seeds presented by Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received Jan. 22, 1946.

153425. *BROMUS AULETICUS* Nees. Poaceae.

No. 544.

153426. *BROMUS BREVIS* Steud.

No. 676.

153427. *BROMUS CATHARTICUS* Vahl.

153428. *BROMUS COLORATUS* Steud.

No. 657.

153429. *BROMUS URUGUAYENSIS* Arech.

No. 877.

153430. *STIPA BAVIOENSIS* Speg. Poaceae.

No. 941.

153431. *STIPA CHARRUANA* Arech.

Feathergrass.

No. 890.

153432. *STIPA HYALINA* Nees.

No. 891.

153433. *STIPA MEGAPOTAMICA* Trin.

No. 893.

153434. *STIPA NEESIANA* Trin. & Rupr.

No. 868.

153435. *STIPA ROSENGURTHII* Chase.

No. 894.

153436. *STIPA TRICHOTOMA* Nees.

No. 892.

153437 to 153449. *PENNISETUM GLAUCUM* (L.) R. Br. Poaceae.

Pearl millet.

From India. Seeds presented by X. S. S. Kumar, Economic Botanist, Government of Bombay, Poona. Received Jan. 22, 1946.

153437 to 153442. From Bombay Province.

153437. *AK* 297-6-31-32-21.

153440. *Late Mass.* 1938-39.

153438. *AF* 3, *G1*, *G1*, *G1*.

153441. *Type* 207.

153439. *No.* 28-15-1-1.

153442. *Akola Bajri*.

153443 and 153444. From Baroda State.

153443. *Baroda Farm*.

153444. *Jugudan Farm*.

153445 and 153446. From Madras Province.

153445. *Type* P. T. 367.

153446. *Type* P. T. 700.

153447 and 153448. From the United Provinces.

153447. *Type* 11.

153448. *Type* 16.

153449. From Punjab.

Type A1/3.

153450. LOBELIA EXCELSA Leschen. Campanulaceae.

From India. Seeds presented through the American Consulate, Madras. Received Jan. 22, 1946.

Collected at Kodaikanal, Madura District, at 7,200 feet altitude. An annual 10 to 12 feet high, with narrowly oblong, villous leaves up to 10 inches long, and large flowers in a dense terminal raceme 10 inches long. Native to Nilghiri, India.

153451 to 153453.

From Argentina. Seeds presented by Enrique C. Clos, Estación Experimental Nacional Central, Buenos Aires. Received Jan. 24, 1946.

153451. HELIANTHUS ANNUUS L. Asteraceae.

Sunflower.

Saratov.

153452. HELIANTHUS ANNUUS L.

Klein.

153453. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

D. E. I. P. 42.

153454 to 153456.

From the Soviet Union. Seeds obtained from Joseph J. Bulik, Agricultural Attaché, American Embassy, Stalingrad. Received Feb. 5, 1946.

Originally from the vicinity of Krasnodar.

153454. ORYZA SATIVA L. Poaceae.

Rice.

153455. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

153456. SESAMUM INDICUM L. Pedaliaceae.

Sesame.

153457 to 153461. LINUM USITATISSIMUM L. Linaceae.

Flax.

From Germany. Seeds presented by Prof. K. Opitz, Kaiser Wilhelm Institute für Acker und Pflanzenbau, Berlin-Dahlem. Received Feb. 6, 1946.

153457. Dahlemer Feinflach D B 43.

153460. Roland 35.

153458. Echendorf.

153461. Soraver 65.

153459. Lusatia.

153462 to 153464. FICUS CARICA L. Moraceae.

Common fig.

From Tunisia. Cuttings presented by G. Valdeyron, Service Botanique et Agronomique, Ariana. Received Feb. 11, 1946.

153462. Taaramint.

153463. Tameriout.

153464. Temri.

153465 to 153474.

From Canada. Seeds obtained from the Ontario Agricultural College, Guelph, Ontario. Received Jan. 31, 1946.

153465. AGROSTIS ALBA L. Poaceae.

Redtop.

153466. DACTYLIS GLOMERATA L. Poaceae.

Orchard grass.

153467. FESTUCA ELATIOR L. Poaceae.

Meadow fescue.

153468. FESTUCA RUBRA L.

Red fescue.

153469. LOLIUM PERENNE L. Poaceae.

Perennial ryegrass.

153470 and 153471. PHLEUM PRATENSE L.

Timothy.

153470. Medon.

153471. Paton.

153465 to 153474—Continued153472. *POA COMPRESSA* L. Poaceae.

Canada bluegrass.

153473. *POA PRATENSE* L.

Kentucky bluegrass.

153474. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

153475 to 153482. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castor-bean.

From Peru. Seeds presented by the Estación Experimental de La Molina, Lima.
Received Feb. 11, 1946.

153475. *Del Pais*, Tipo B.153479. *Planta No. 11*, Tipo B.153476. *Japonesa*.153480. *Planta No. 17*.153477. *Japonesa Roja*.153481. *Roja*, Tipo A.153478. *Planta No. 11*, Tipo A.153482. *Roja*, Tipo B.**153483 to 153486. *QUERCUS* spp. Fagaceae.**

Oak.

From Morocco. Seeds obtained from Casablanca through C. J. Beall, Federal
Economic Administration. Received Feb. 5, 1946.

153483. *QUERCUS COCCIFERA* L. Fagaceae.

Kermes oak.

153484. *QUERCUS ILEX* L.

Holly oak.

153485. *QUERCUS MIRBECKII* Dur.153486. *QUERCUS SUBER* L.

Cork oak.

153487 to 153489.

From New Zealand. Seeds presented by Duncan & Davies, Ltd., New Plymouth.
Received Feb. 4, 1946.

153487. *CYATHEA MEDULLARIS* Swartz. Polypodiaceae.153488. *MYOSOTIDIUM HORTENSIA* (Decaisne) Baill. Boraginaceae.153489. *SOPHORA TETRAPTERA* J. Miller. Fabaceae.

Fourwing sophora.

153490 to 153505. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

From Peru. Tubers obtained from the Estación Experimental de La Molina,
Lima. Received Feb. 14, 1946.

153490. *Blanco*.153498. *Morado del Norte*.153491. *Chancleta*.153499. *Paramonguino*.153492. *De Sal*.153500. *Quince Dias*.153493. *De Zapallo*.153501. *Sanjuanino*.153494. *Esperma*.153502. *Sanpedrano*.153495. *Huachano Chico*.153503. *Sauce*.153496. *Italiano*.153504. *Tipo 3*.153497. *Italiano Plomo*.153505. *Tipo 4*.**153506 to 153518. *SESAMUM INDICUM* L. Pedaliaceae.**

Sesame.

From Venezuela. Seeds presented by the Ministerio de Agricultura and Cria,
Instituto Experimental de Agricultura y Zootecnia, Caracas. Received Feb.
15, 1946.

153506. *Brazil 45-442*.153510. *Guatemala*.153507. *Brazil (J. Vol.)*153511. *Hawaii—Blanco*.153508. *Blanco 2*.153512. *Hawaii*.153509. *Criollo*.153513. *Mejico*.

153506 to 153518—Continued153514. *Nicaragua* (Hunt).153517. *Venezuela* 51.153515. *Nicaragua* (Horvilleur).153518. *Venezuela* 52.153516. *Jaffa*.**153519. ELYTOSTACHYS TYPICA McClure. Poaceae.****Bamboo.**

From Nicaragua. Seeds obtained by F. A. McClure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 20, 1946.

Collected at El Recreo. The plant is open caespitose. The culms reach a diameter of 4 cm., and a length of about 20 m.; they are ascending in habit, with long, slender, scandent or pendulous tips. The culm internodes have very thin walls, and in a 16-m. culm they range in length from 37.5 cm. in the second internode from the base to 87 cm. in the twelfth. The branches, which arise from solitary buds, include a strong central branch and numerous, very much smaller secondary ones that arise from the base of the central branch at each node. In Nicaragua the internodes of this bamboo are used by field laborers as containers for drinking water. Although quite fragile, and probably not very durable, the culms would lend themselves readily to the making of woven matting of a type used for shades and screens. In Venezuela the seeds are used locally as a source of flour for bread and pastries.

153520 to 153522. HELIANTHUS ANNUUS L. Asteraceae.**Common sunflower.**

From England. Seeds presented by the British Embassy, Washington, D. C. Received Feb. 12, 1946.

Originally from Prof. G. E. Blackman of the Imperial College of Science, London.

153520. *Jupiter*.153521. *Pole Star*.153522. *Southern Cross*.**153523 to 153554. SORGHUM VULGARE Pers. Poaceae.**

From Japan. Seeds obtained from the Agricultural Division, Natural Resources Section, GHQ, SCAP, Tokyo. Received Feb. 15, 1946.

153523. *No. 18 Aka-morokoshi*. From Shizuoka.153524. *No. 19 Aka-morokoshi*. From Shizuoka.153525. *No. 20 Aka-morokoshi*. From Shizuoka.153526. *No. 12 Chukanshu*. From Niigata.153527. *No. 26 Futsu-morokoshi*. From Ishikawa.153528. *No. 6 Futsushu*. From Saitama.153529. *No. 14 Futsushu (Aka-morokoshi)*. From Yamanshi.153530. *No. 21 Hamana*. From Shizuoka.153531. *No. 22 Hamana*. From Shizuoka.153532. *No. 23 Hamana*. From Shizuoka.153533. *No. 24 Hamana*. From Shizuoka.153534. *No. 25 Hamana*. From Shizuoka.153535. *No. 31 Hahaki-kibi*. From Kochi.153536. *No. Hakuryushu-morokoshi*. From Yamagata.153537. *No. 1 Iwatesan-morokoshi*. From Iwate.153538. *No. 16 Kagi-morokoshi*. From Shizuoka.153539. *No. 30 Kamakubi*. From Kochi.

153523 to 153554—Continued

153540. *No. 15 Kamokubishu*. From Yamanashi.
 153541. *No. 32 Kuro-kihi*. From Kochi.
 153542. *No. 5 Sanjaku-morokoshi*. From Tochigi.
 153543. *No. 17 Sato-morokoshi*. From Shizuoka.
 153544. *No. 29 Taka-kibi*. From Kochi.
 153545. *No. 2 Tankan-morokoshi*. From Yamagata.
 153546. *No. 27 Waisei-morokoshi*. From Ishikawa.
 153547. *No. 7 Waiseishu*. From Saitama.
 153548. *No. 11 Yachimata*. From Chiba.
 153549. *No. 8 Zairaishu 15*. From Chiba.
 153550. *No. 9 Zairaishu 16*. From Chiba.
 153551. *No. 10 Zairaishu 17*. From Chiba.
 153552. *No. 13 Zairaishu*. From Nagano.
 153553. *No. 28 Zairaishu*. From Nara.
 153554. *No. 33 Zairaishu*. From Nagasaki.

153555 to 153573. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

From South America. Seeds collected by Ricardo de Lemos, Instituto Agronómico do Norte, Belém, Para, Brazil. Received Feb. 15, 1946.

Unless otherwise stated, material was collected in the basin of the Rio Negro, Amazonas, Brazil. Descriptions of fruits were derived from sketches accompanying each collection.

153555. *No. 1*. Very small, spherical, light red; from Tucano Indians.
 153556. *No. 2*. Small, elongated, salmon-colored; from Tucano Indians.
 153557. *No. 3*. Small, oval, salmon to yellow; from Tucano Indians.
 153558. *No. 4*. Small, oval, blood red; from Tucano Indians.
 153559. *No. 5*. Small, elongated, yellow; from Tucano Indians.
 153560 to 153565. From San Carlos, Rio Negro, Venezuela.
 153560. *No. 6*. Medium-sized, conical, furrowed on three sides, light-salmon color.
 153561. *No. 7*. Small, oblong-linear, light-salmon color.
 153562. *No. 8*. Medium-sized, subconical, irregular surface, greenish yellow.
 153563. *No. 9*. Medium-sized, oblong, furrowed, light red.
 153564. *No. 10*. Very small, spherical, reddish brown.
 153565. *No. 11*. Small, conical, evenly furrowed, sulfur-colored.
 153566. *No. 12*. Oblong, subconical, deeply furrowed, light red.
 153567. *No. 13*. Oblong, subconical, slightly furrowed, light red.
 153568. *No. 14*. Medium, elongated, irregular surface, red.
 153569. *No. 15*. Elongated, irregularly furrowed, red.
 153570. *No. 16*. Small, linear-oval, slightly furrowed, red.
 153571. *No. 17*. Small, bell-shaped, and deeply furrowed, mixed green and yellow.
 153572. *No. 18*. Small, red, elliptical, unevenly lobed.
 153573. *No. 19*. Medium, yellow, linear-oblong with an uneven surface.

153574 to 153581. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

From Peru. Seeds presented by the Departamento de Genetica, Estación Experimental Agrícola de La Molina, Lima. Received Feb. 19, 1946.

153574 to 153577. Grown in Ancash.

153574. *Amarillo.*

153576. *Colorado.*

153575. *Chinchano.*

153577. *Escabeche.*

153578. *Piris.* From Cuzco.

153579. *Rocoto 6 Rokkoto.* From Quichua.

153580. *Verde.* From Ancash.

153581. *Verde Largo.* From Ancash.

153582 to 153586.

From Brazil. Seeds presented by W. D. Johnston, Jr., United States Foreign Economic Administration, Rio de Janeiro. Received Feb. 5, 1946.

153582. *ANNONA SQUAMOSA* L. Annonaceae.

Sugar-apple.

Fruta da Conde. From the State of Bahia.

153583. *CEREUS* sp. Cactaceae.

Xique-Xique. From the State of Parahiba do Norte.

153584. *CITRUS LIMON* (L.) Burm. f. Rutaceae.

Lemon.

A large-fruited variety from the State of Espirito Santo.

153585. *CITRUS PARADISI* Macfad.

Grapefruit.

From the State of Espirito Santo.

153586. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae.

Suakwa towelgourd.

153587 to 153594. *AMYGDALUS PERSICA* L. Amygdalaceae. **Peach.**

From California. Scions purchased from the California Nursery Co., Niles. Received Feb. 21, 1946.

153587. *Carolyn.*

153591. *Paloro.*

153588. *Gaume.*

153592. *Peak.*

153589. *Halford No. 2.*

153593. *Sims.*

153590. *Johnson.*

153594. *Walton.*

153595 and 153596. *FRAGARIA.* Rosaceae.

Strawberry.

From Maryland. Plants purchased from the Raynor Bros. Nurseries, Salisbury. Received Feb. 26, 1946.

153595. *Klonmore.*

153596. *Missionary.*

153597. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

From Puerto Rico. Seeds presented by K. A. Bartlett, Director, Federal Experiment Station, Mayagüez. Received Feb. 26, 1946.

Puerto Rico No. 89. Comparatively mildew-resistant.

153598. *ROLLINIA* sp. Annonaceae.

From Peru. Seeds presented by R. J. Seibert, Tingo Maria, Huanuco. Received Feb. 26, 1946.

Anona. Collected by Manuel Lascano. A small tree growing at an altitude of 2,200 feet.

153599. SACCHARUM SPONTANEUM L. Poaceae.

From Uganda. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 26, 1946.

From Mbarara, Ankole.

153600. BRACHIARIA BRIZANTHA (Hochst.) Stapf. Poaceae.

From the Anglo-Egyptian Sudan. Seeds presented by the Department of Agriculture and Forests, Kassala, Gedaref. Received Feb. 11, 1946.

Umchirr.

153601 to 153603. MELILOTUS ALBA Desr. Fabaceae.

White sweetclover.

From Canada. Seeds presented by the Dominion Forage Crops Laboratory, University of Saskatchewan, Saskatoon, Saskatchewan. Received Feb. 14, 1946.

153601. *Alpha No. 1.*

153602. *Arctic.*

153603. *Melana.*

153604. MELILOTUS OFFICINALIS (L.) Lam. Fabaceae.

Yellow sweetclover.

From Canada. Seeds presented by the Experimental Farm, Brandon, Manitoba. Received Feb. 14, 1946.

Erector.

153605 to 153612.

From Canada. Seeds presented by the Division of Forage Plants, Central Experimental Farm, Ottawa. Received Feb. 14, 1946.

153605. *FESTUCA ELATIOR L. Poaceae.*

Meadow fescue.

Ensign MF 3-6.

153606. *FESTUCA RUBRA L.*

Red fescue.

Duraturf Creeping RF 4-5.

153607. *LOLIUM PERENNE L.*

Perennial ryegrass.

Pacific FR 2-3.

153608 and 153609. *MEDICAGO SATIVA L. Fabaceae.*

Alfalfa.

153608. *Canauto AA 3-1.*

153609. *Viking AA 15-3.*

153610. *MELILOTUS ALBA Desr. Fabaceae.*

White sweetclover.

Pioneer S-398.

153611. *POA COMPRESSA L. Poaceae.*

Canada bluegrass.

Chieftain CB 2-1.

153612. *TRIFOLIUM REPENS L. Fabaceae.*

White clover.

Pathfinder WC 15-1.

153613. GOSSYPIUM. Malvaceae.

Cotton.

From Guatemala. Seeds presented by O. A. Pope, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 27, 1946.

C. B. No. 1705.

153614 to 153622. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Australia. Tubers presented by the Council for Scientific and Industrial Research, Division of Plant Industry, Canberra City. Received Feb. 27, 1946.

153614 to 153622—Continued153614 to 153621. *FX Up-to-Date.*153614. *No. 36.*153618. *No. 441.*153615. *No. 101.*153619. *No. 597.*153616. *No. 224.*153620. *No. 910.*153617. *No. 265.*153621. *No. 950.*153622. *FX Snowflake No. 7.***153623 to 153640.**

From Peru. Seeds presented by the Departamento de Genetica, Estación Experimental Agrícola de La Molina, Lima. Received Feb. 19, 1946.

153623. *CUCURBITA PEPO L. Cucurbitaceae.***Pumpkin.***Blanca No. 6.*153624 to 153640. *LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae.***Calabash gourd.**153624. *Blanca No. 1.*153633. *Blanca No. 11*153625. *Blanca No. 2.*153634. *Blanca No. 12.*153626. *Blanca No. 3.*153635. *Blanca No. 13.*153627. *Blanca No. 4.*153636. *Blanca No. 14.*153628. *Blanca No. 5.*153637. *Blanca No. 15.*153629. *Blanca No. 7.*153638. *Blanca No. 16.*153630. *Blanca No. 8.*153639. *Blanca No. 17.*153631. *Blanca No. 9.*153640. *Blanca No. 18.*153632. *Negra No. 10.***153641 and 153642.**

From New York. Seeds purchased from Herbst Bros., New York. Received March 4, 1948.

153641. *ACER SACCHARUM Marsh. Aceraceae.***Sugar maple.**153642. *CARYA TOMENTOSA (Lam.) Nutt. Juglandaceae.*153643. *PINUS STROBUS L. Pinaceae.***White pine.**

From Maine. Seeds purchased from the Braden Nursery, South Windham. Received March 4, 1946.

153644 to 153649. *GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.*

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1946.

153644. *Bansei.*153647. *Kanso.*153645. *Giant Green.*153648. *Mendota.*153646. *Jogun.*153649. *Sac.*153650 to 153655. *IPOMOEA spp. Convolvulaceae. Morning-glory.*

From Micronesia. Plants presented by Lt. S. P. DuBose, United States Army Air Corps. Received March 1, 1946.

Collected on the Island of Tinian, the Marianas.

153650. *T-1.*153653. *T-4.*153651. *T-2.*153654. *T-5.*153652. *T-3.*153655. *T-6.*

153656. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.

From Arizona. Seeds presented by the Salt River Valley Vegetable Research Farm, Tempe. Received March 5, 1946.

Imperial 410.

153657. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Canada. Seeds presented by the Dominion Forage Crops Laboratory, Saskatoon, Saskatchewan. Received March 5, 1946.

Viking S-897.

153658. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.

From Washington, D. C. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 27, 1946.

Originally from El Salvador.

153659. (Undetermined.)

From China. Trees presented by Maj. R. D. Wolcot, Port Command, HQ, Shanghai. Received March 6, 1946.

Received under the name "Chinese plum."

153660 to 153676.

From Africa. Seeds presented by C. J. J. van Rensburg, Rietondale Station, Pretoria, Transvaal, Union of South Africa. Received Feb. 18, 1946.

Unless otherwise mentioned, material was collected in the Transvaal.

153660. ACACIA CAFFRA (Thunb.) Willd. Mimosaceae.

Wait-a-bit.

153661. ACACIA GALPINII Burt-Davy.

A tree about 40 feet high, with sharply hooked spines at the base of the pinnate leaves, which are 3 to 5 inches long. The flowers are light yellow, and are in axillary fascicled spikes about 2 inches long.

153662. DIGITARIA sp. Poaceae.

Woolly Finger Grass. Border of the Kalahari Desert, Bechuanaland.

153663. DIGITARIA SMUTSII Stent.**153664. DIGITARIA VIOLASCENS Link.****153665. PANICUM sp. Poaceae.**

Kabulabula, on the Chobi River, Kalahari Desert, Bechuanaland.

153666 to 153670. PANICUM MAXIMUM Jacq. Guinea grass.

153666. A Rhodesian strain.

153667. Duwenya, Nyasaland.

153668. Nanyuki, on the border of the Yukama Desert, northern Kenya.

153669. Kavorondo, swamps of Lake Victoria, Tanganyika.

153670. Lilongue.

153671 to 153673. PENNISETUM CILIARE (L.) Link. Poaceae.

153671. Lysamas, Yurkana Desert, northern Kenya.

153672. Ngamiland, Bababi Flats, Kalahari Desert, Bechuanaland.

153673. Loliondo.

153674 and 153675. SETARIA sp. Poaceae.

Chobi River swamp area in the Kalahari Desert, Bechuanaland.

153674. Kabulabula.

153675. Kazungula.

153660 to 153676—Continued

153676. *UROCHLOA PULLULANS* Stapf. Poaceae.

Rust der Winter.

153677. *PYRUS COMMUNIS* L. Malaceae.

Common pear.

From England. Scions presented by the John Innes Horticultural Institution, Merton Park, London. Received March 6, 1946.

Improved Fertility.

153678 and 153679.

From Brazil. Bulbs collected by Dr. Eugene H. Payne, Serviço Especial de Saude Publica, Rio de Janeiro. Received March 7, 1946.

Collected from the central highlands in the State of Goiaz.

153678. *AMARYLLIS* sp. Amaryllidaceae.

The small bulbs produce flowers that are pure white, without the colored throat. Said to be a rare species.

153679. *CRINUM* sp. Amaryllidaceae.

The flat, straplike leaves are 1 to 2 feet in length. The two to six lily-shaped flowers, white with purple ribs, are borne on an upright, flattened scape about 2 feet high. The bulbs multiply until they form large clusters 3 to 4 feet in diameter.

153680. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Connecticut. Seeds purchased from F. H. Woodruff Sons, Inc., Milford. Received March 11, 1946.

Red Cap.

153681 and 153682. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From El Salvador. Seeds obtained through the American Embassy, San Salvador. Received March 11, 1946.

153681. *Cibao.*

153682. *Trinitaria.*

153683 to 153685. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

From Maryland. Seeds presented by the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1946.

153683. *Cascade.*

153684. *Martin.*

153685. *Shenandoah.*

153686 to 153689.

From California. Seeds purchased from the Ferry-Morse Seed Co., San Francisco. Received March 11, 1946.

153686 and 153687. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

153686. *Early Baltimore.*

153687. *Illinois Baltimore.*

153688 and 153689. *IPOMOEA* spp. Convolvulaceae.

Morning-glory.

153688. *Pearly Gates.*

153689. *Scarlett O'Hara.*

153690. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Pennsylvania. Seeds purchased from Henry A. Dreer, Inc., Philadelphia.
Received March 11, 1946.

Penn State Earliana.

153691 to 153695. FICUS CARICA L. Moraceae. Fig.

From Algeria. Cuttings presented by N. Mauri, Agent des Services Agricoles,
Charge de L'Arboriculture, Station Experimental D'Arboriculture, Boufarik.
Received March 11, 1946.

153691. No. 3. *Azendjar.*

153694. No. 2. *Taramint.*

153692. No. 4. *Nadel.*

153695. No. 5. *Tit en Tsekourt.*

153693. No. 1. *Tameriout.*

153696. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From North Dakota. Seeds purchased from Oscar H. Will & Co., Bismarek.
Received March 11, 1946.

Red River.

153697 to 153704.

From Haiti. Seeds presented by E. L. Tanner, Agricultural Attaché, American
Embassy, Port-au-Prince. Received Feb. 26, 1946.

153697. *ALYSICARPUS* sp. Fabaceae.

153698 to 153703. *DESMODIUM* spp. Fabaceae.

153698. *DESMODIUM* sp.

No. 1. From the Valley of the Grande Anse River.

153699. *DESMODIUM* sp.

No. 2. From the Valley of the Grande Anse River.

153700. *DESMODIUM* sp.

No. 4.

153701. *DESMODIUM* sp.

No. 5.

153702. *DESMODIUM* sp.

No. 6.

153703. *DESMODIUM* sp.

No. 7.

153704. *PHASEOLUS* sp. Fabaceae.

No. 8.

153705. COLOCASIA sp. Araceae.

From Puerto Rico. Corm presented by Edward P. Hume, Federal Experiment
Station, Mayaguez. Received March 12, 1946.

153706 to 153709.

From Maryland. Seeds obtained through the Division of Forage Crops and
Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Belts-
ville. Received March 13, 1946.

153706 and 153707. *MELILOTUS ALBA* Desr. Fabaceae. White sweetclover.

153706. *Evergreen.*

153707. *Alpha.*

153706 to 153709—Continued

153708. *MELILOTUS ALBA* var. *ANNUA* Coe.*Hubam.*153709. *MELILOTUS OFFICINALIS* (L.) Lam.

Yellow sweetclover.

*Madrid.*153710 and 153711. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From New York. Seeds purchased from the Joseph Harris Seed Co., Moreton Farm, Rochester. Received March 13, 1946.

153710. *Comet.*153711. *Stokesdale.*153712. *SACCHARUM SPONTANEUM* L. Poaceae.

From Kenya. Cuttings obtained through the American Consulate, Nairobi. Received March 14, 1946.

153713 to 153715. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria, Huanuco. Received March 15, 1946.

153713. *Huasca Uchiza Amarillo.* From Uchiza, near the Huallaga River.153714. *Huasca Huallaga Colorado.* From the vicinity of Tingo Maria.153715. *Huasca Uchiza Colorado.* From Uchiza, near the Huallaga River.153716 to 153718. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Louisiana. Seeds purchased from the Steckler Seed Co., New Orleans. Received March 15, 1946.

153716. *Louisiana Dixie.*153717. *Louisiana Pink.*153718. *Louisiana Red Rock.*

153719 to 153727.

From northern Africa. Seeds presented by C. J. Beall, American Food Council, Foreign Economic Administration. Received March 15, 1946.

153719 to 153721. *QUERCUS SUBER* L. Fagaceae.

Cork oak.

153719. *No. 1.* From Algiers, Algeria.153720. *No. 2.* From Tunisia.153721. *No. 3.*153722. *QUERCUS* sp.*No. 4.*153723 to 153725. *QUERCUS SUBER* L.153723. *No. 5.*153724. *No. 6.*153725. *No. 7.*153726 and 153727. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From near high plateau region.

153726. *Sicilian.*153727. *Belouini.*

153728. FRAGARIA. Rosaceae.**Strawberry.**

From Canada. Plants presented by W. R. Foster, Plant Pathologist, Victoria, British Columbia. Received March 15, 1946.

Pitt.

153729 to 153731.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.

153729. ALLIUM CEPA L. Liliaceae.**Onion.**

Yellow Bermuda 986.

153730. ALLIUM CEPA × ALLIUM FISTULOSUM.

Beltsville Bunching.

153731. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

U. S. No. 5 Refugee.

153732 to 153734. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From California. Seeds purchased from the Ferry-Morse Seed Co., San Francisco. Received March 18, 1946.

153732. *Gulf State Market.***153733. *Michigan State Forcing.*****153734. *Norton.*****153735 to 153737.**

From Japan. Plants collected by Lt. J. J. Craighead, United States Army. Received March 18, 1946.

153735. PHYLLOSTACHYS sp. Poaceae.**Bamboo.**

Large basket or timber bamboo.

153736. PHYLLOSTACHYS BAMBUSOIDES Sieb. & Zucc.

Hard-cane bamboo.

153737. SASA sp. Poaceae.**Bamboo.**

Received as Sasa albo-marginata. Used as a soil binder in Japan.

153738 to 153743.

From New Jersey. Plants presented by the New Jersey Agricultural Experiment Station, New Brunswick. Received March 18, 1946.

153738 to 153742. AMYGDALUS PERSICA L. Amygdalaceae.**Peach.****153738. *No. 135.*****153741. *Triogem.*****153739. *No. 137.*****153742. *Sunhigh.*****153740. *No. 149.*****153743. AMYGDALUS PERSICA var. NECTARINA Ait.****Nectarine.**

Garden State.

153744 to 153745. LINUM USITATISSIMUM L. Linaceae.**Flax.**

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.

153744. *Cascade.***153745. *Martin.***

153746 to 153750. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Iowa. Seeds purchased from the W. Atlee Burpee Co., Clinton. Received March 18, 1946.

153746. *Bonney Best*.

153749. *Pan America*.

153747. *John Baer*.

153750. *Pennheart*.

153748. *Ozheart*.

153751 to 153760. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.

153751. *Bally Doon* × *Katahdin*.

153756. *Mohawk* × 96-28.

153752. *Earlaine* × (X247-48).

153757. *Mohawk* × 96-56.

153753. *Teton* × 96-56.

153758. *Houma* × (X247-48).

153754. 96-56 × (B61-3).

153759. *McKellars Seedling* × 76-49.

153755. 247-44 × *Earlaine*.

153760. B83-9 × *Katahdin*.

153761. PINUS ECHINATA Mill. Pinaceae. Shortleaf pine.

From Oklahoma. Seeds purchased from Rigdon's Tree Seeds, Stillwater. Received March 19, 1946.

153762. OCHROMA LAGOPUS Swartz. Bombacaceae. Balsa.

From the Canal Zone. Seeds presented by Walter R. Lindsay, Director, Experiment Gardens, Summit. Received Feb. 27, 1946.

153763 to 153773. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 19, 1946.

From the Embu District.

153763. No. 453. *Mtama M1-44*.

153769. No. 459. *Mingawa*.

153764. No. 454. *Mtama M2-44*.

153770. No. 460. *Mgwaa*.

153765. No. 455. *Mtama M3-44*.

153771. No. 462. *Muhia Muthigo*.

153766. No. 456. *Mtama M4-44*.

153772. No. 463. *Muhia Mbaria*.

153767. No. 457. *Mtama M6-44*.

153773. No. 464. *Muhia Mweru*.

153768. No. 458. *Katanetame*.

153774 to 153780. TRITICUM spp. Poaceae.

From Egypt. Seeds presented by the Agricultural Attaché, American Legation, Cairo. Received March 19, 1946.

153774. *TRITICUM DURUM* Desf.

Durum wheat.

Durum-H.

153775 to 153780. *TRITICUM AESTIVUM* L.

Common wheat.

153775. N.A.-96 × N.A. 97.

153778. *Hindi D*.

153776. *Hindi Resistant*.

153779. *Hindi 62*.

153777. *Beladi 116*.

153780. N. A. 95.

153781 to 153784. ORYZA SATIVA L. Poaceae. Rice.

From Texas. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 19, 1946.

153781. *Bluebonnet*.

153783. *Lady Wright*.

153782. *Fortuna*.

153784. *Nira*.

153785 and 153786. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Brazil. Seeds obtained through the American Embassy, Rio de Janeiro. Received March 20, 1946.

153785. Goiana. From a nearly inaccessible plateau, altitude 5,000 feet, in east-central Goiaz, where wheat was introduced more than 200 years ago. This variety is probably a genetically pure descendant of the original introduction. Its growing season is between 4 and 5 months.

153786. Veadeiros. From the Agricultural Experiment Station, Anapolis, Goiaz. Said to be descended from the *Goiana* variety introduced more than 200 years ago. Its growing season is about 4½ months.

153787 to 153789. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From Illinois. Seeds presented by the Department of Horticulture, University of Illinois, Urbana. Received March 20, 1946.

153787. Blair Forcing.

153788. Lloyd Forcing.

153789. Urbana.

153790 to 153801. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 21, 1946.

153790. No. 701. Ochuti.

153796. No. 707. Nyabande.

153791. No. 702. Arut.

153797. No. 708. Kumba.

153792. No. 703. Nyamiye.

153798. No. 709. Dongo.

153793. No. 704. Osudi.

153799. No. 710. Ekemeguni.

153794. No. 705. Andiwo.

153800. No. 711. Ofunjo.

153795. No. 706. Oloro.

153801. No. 712. Eriasi.

153802 to 153809. ARUNDINARIA spp. Poaceae.**Bamboo.**

From Georgia. Plants growing at the United States Plant Introduction Garden, Savannah. Numbered April 8, 1946.

153802. ARUNDINARIA GIGANTEA (Walt.) Chapm.

Canebrake bamboo.

Presented in 1935 by C. D. Beadle, Biltmore, N. C., where it reaches a maximum height of about 14 feet; the altitude is 2,200 feet.

153803 to 153806. ARUNDINARIA TECTA (Walt.) Muhl.

Switchcane bamboo.

153803. Originally from Travelers Rest, S. C.; presented by C. D. Beadle, Biltmore, N. C., in 1935.

153804. Originally from near Mobile, Ala.; presented by C. D. Beadle, Biltmore, N. C., in 1935.

153805. A low-growing form collected in 1938 by David A. Bisset from the Ogeechee River Swamp a few miles from the United States Plant Introduction Garden. This form has not exceeded about 22 inches high at the Garden.

153806. The taller form (up to about 6 feet), growing in the Ogeechee River Swamp; collected in 1946 by David A. Bisset.

153807. ARUNDINARIA TECTA var. DECIDUA Beadle.

Presented in 1935 by C. D. Beadle, Biltmore, N. C. This deciduous variety, growing on the Biltmore Estate at an altitude of 2,200 feet, reaches a maximum height of about 4½ feet.

153808 and 153809. ARUNDINARIA SIMONI (Carr.) A. & C. Riviére.

153802 to 153809—Continued

153808. Presented in 1927 by Louis P. Bosanquet, Fruitland Park, Fla. Originally obtained under the name *Bambusa violascens*, from Europe.

153809. Presented in 1941 by Julian Nally, Gotha, Fla. This is the lower form, rarely exceeding 8 feet in height; the plants flowered at Gotha in 1941 and at Savannah for a time thereafter.

153810 to 153813. *AMYGDALUS PERSICA* L. Amygdalaceae. Peach.

From New Jersey. Trees purchased from the New Jersey Peach Council, Inc., Princeton. Received March 25, 1946.

153810. No. 133.

153812. No. 135.

153811. No. 134.

153813. No. 137.

153814. *SACCHARUM*. Poaceae.

Sugarcane.

From Cuba. Cuttings presented by Pedro Rodriguez Ortiz, Havana, through Roger H. McVeigh, Port Everglades, Fla. Received March 26, 1946.

Media Luna 3-18.

153815. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From New Jersey. Seeds presented by Dr. R. Porter, Campbell Soup Co., Camden. Received March 26, 1946.

J. D. T.

153816. *SACCHARUM SPONTANEUM* L. Poaceae.

From Kenya. Seeds collected from near the Voi River by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 26, 1946.

153817. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

From Canada. Seeds presented by the Agronomy Department, MacDonald College, Sainte Anne de Bellevue, Quebec. Received March 26, 1946.

Dollard.

153818. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received March 26, 1946.

Ottawa.

153819 to 153878.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 26, 1946.

153819 to 153877. *SORGHUM* spp. Poaceae.

153819 and 153820. *SORGHUM VULGARE* Pers.

153819. No. 713. *Mohair*. Near Nairobi.

153820. No. 713A. *Mohair*. Near Nairobi.

153821. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 714. Near Nairobi.

153822 to 153824. *SORGHUM VULGARE* Pers.

153822. No. 715. *Mubiya 1*. Machakos.

153823. No. 716. *Mubiya 2*. Machakos, agricultural field.

153824. No. 717. *Moriti*. Near Thika.

153825. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 718. Near Thika.

153819 to 153878—Continued

153826 to 153847. *SORGHUM VULGARE* Pers.153826. No. 719. *Mohia*. Near Thika.153827. No. 720. *Ngano*. Near Fort Hall.

153828 to 153832. Near Sagana.

153828. No. 721. *Goma*.153831. No. 724. *Kumba*.153829. No. 722. *Funjo*.153832. No. 725. *Mueya*.153830. No. 723. *Orolo*.153833. No. 726. *B. 2129*. Habaswein.

153834 to 153838. Near Meru.

153834. No. 728. *Mukubu*.153837. No. 731. *Muhia*.153835. No. 729. *Muheya*.153838. No. 732. *Mumera*.153836. No. 730. *Muhia*.153839 to 153844. *Muhia*. Near Chuka.

153839. No. 733.

153842. No. 736.

153840. No. 734.

153843. No. 737.

153841. No. 735.

153844. No. 738.

153845 to 153847. Near Embu.

153845. No. 739. *Njahi*.153846. No. 740. *Murunga*.153847. No. 741. *Muheha*.153848 to 153850. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

153848. No. 742. Near Sultan Hamud.

153849. No. 743. Near Sultan Hamud.

153850. No. 744. Teita Hills near Voi.

153851 to 153863. *SORGHUM VULGARE* Pers.

153851 to 153862. Teita Hills near Voi.

153851. No. 745. *Muemba*, *Mzekwa*.153852. No. 748. *Mzekwa* 2.153853. No. 749. *Mzekwa* 3.153854. No. 750. *Ngombo* 1.153855. No. 751. *Ngombo* 2.153856. No. 752. *Muemba*.153857. No. 753. *Muemba*.153858. No. 754. *Manganda*.153859. No. 755. *Muzedü*.153860. No. 756. *Ngarare*, *Nzekwa*.153861. No. 757. *Kittushu* Kidula.153862. No. 758. *Manganda*.153863. No. 759. *Mangando*. Near Mombara.153864. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 760. Near Kilifi.

153865. *SORGHUM VULGARE* Pers.No. 772. *Katenyano*. Market near Kitue.

153819 to 153878—Continued

153866 to 153868. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

153866 to 153868. Near Baomo.

153866. No. 763A.

153867. No. 763B.

153868. No. 763C.

153869. *SORGHUM VULGARE* Pers.No. 764. *Mbaya*. Near Baomo.153870. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 765. Tula River.

153871 to 153877. *SORGHUM VULGARE* Pers.

153871 to 153877. Near Molu.

153871. No. 766A. *Mubeya*.153872. No. 766B. *Mubeya*.153873. No. 767. *Mukotume*.153874. No. 768. *Katemu*.153875. No. 769. *Katugu*.153876. No. 770. *Mukoma*.153877. No. 771. *Muembe*.153878. *SACCHARUM SPONTANEUM* L. Poaceae.153879 to 153901. *GLYCINE MAX* (L.) Merrill. Fabaceae. **Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 26, 1946.

153879. *Aoda*.153880. *Boone*.153881. *Burnette*.153882. *Charlee*.153883. *Clemson*.153884. *Clemson* (non-shatter).153885. *Chief*.153886. *Gibson*.153887. *Higan-B*.153888. *Imperial*.153889. *Lincoln*.153890. *Macoupin*.153891. *Magnolia*.153892. *Mamredo*.153893. *Missoy*.153894. *Nanda*.153895. *Ogden*.153896. *Palmetto*.153897. *Patoka*.153898. *Ral soy*.153899. *Seminole*.153900. *Tastee*.153901. *Volstate*.153902. *SACCHARUM SPONTANEUM* L. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

Gugu. From Baomo, on the Tara River.153903. *GOSSEYPIUM*. Malvaceae.**Cotton.**

From Egypt. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

Amoun Egyptian.153904 to 153916. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.**Sweetpotato.**

153904 to 153916—Continued

From Japan. Tubers obtained from the Japanese Ministry of Agriculture and Forestry, Tokyo, through Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

153904. No. 1. *Norin No. 1.*

153905. No. 2. *Norin No. 2.*

153906. No. 3. *Norin No. 3.*

153907. No. 4. *Norin No. 4.*

153908. No. 5. *Okinawa No. 100.*

153909. No. 6. *Taihaku Saitama No. 1.*

153910. No. 7. *Tsurunashi-Genji* (vineless).

153911. No. 8. *Kagoshima.*

153912. No. 9. *Beniaka No. 31.*

153913. No. 10. *Gokoku-imo.*

153914. No. 11. *Tachi-Kagoshima* (short-stemmed).

153915. No. 12. *Taihaku.*

153916. No. 13. *Oiran.*

153917 to 153923. HELIANTHUS ANNUUS L. Asteraceae.**Common sunflower.**

From Peru. Seeds presented by the Estación Experimental Agrícola de La Molina, Lima. Received March 13, 1946.

153917. *Blanco.*

153921. *Negro.*

153918. *La Estanzuela.*

153922. *Rayado.*

153919. *Large California.*

153923. *Montevideo.*

153920. *Morado.*

153924 to 153926. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

From Japan. Seeds obtained by Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 15, 1946.

153924. *Rishu.*

153925. *Ji Hat.*

153926. *Aofuski.*

153927 to 153931. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 28, 1946.

153927. *Connecticut Broadleaf.*

153930. *Madole.*

153928. *Judy's Pride.*

153931. *Maryland Medium Broadleaf.*

153929. *Little Orinoco.*

153932 to 153959. TRIFOLIUM REPENS L. Fabaceae. White clover.

From Canada. Plants presented by the Central Experimental Farm, Ottawa, Ontario. Received March 28, 1946.

153932. *L.C. No. 1.*

153935. *L.C. No. 4.*

153933. *L.C. No. 2.*

153936. *L.C. No. 5.*

153934. *L.C. No. 3.*

153937. *L.C. No. 6.*

153932 to 153959—Continued

153938. <i>L.C. No. 7.</i>	153949. <i>L.C. No. 18.</i>
153939. <i>L.C. No. 8.</i>	153950. <i>L.C. No. 19.</i>
153940. <i>L.C. No. 9.</i>	153951. <i>L.C. No. 20.</i>
153941. <i>L.C. No. 10.</i>	153952. <i>L.C. No. 21.</i>
153942. <i>L.C. No. 11.</i>	153953. <i>L.C. No. 22.</i>
153943. <i>L.C. No. 12.</i>	153954. <i>L.C. No. 23.</i>
153944. <i>L.C. No. 13.</i>	153955. <i>L.C. No. 24.</i>
153945. <i>L.C. No. 14.</i>	153956. <i>L.C. No. 25.</i>
153946. <i>L.C. No. 15.</i>	153957. <i>L.C. No. 26.</i>
153947. <i>L.C. No. 16.</i>	153958. <i>L.C. No. 27.</i>
153948. <i>L.C. No. 17.</i>	153959. <i>L.C. No. 28.</i>

153960 to 154105. *Gossypium*. Malvaceae.

Cotton.

From Mexico and Guatemala. Seeds collected by Thomas R. Richmond, Agricultural Experiment Station, College Station, Tex. Received March 28, 1946.

153960 to 153980. From Guatemala.

153960. G-1. Las Palmas.	153971. G-12. Mazatenango.
153961. G-2. Las Palmas.	153972. G-13. Mazatenango.
153962. G-3. Santo Domingo.	153973. G-14. Mazatenango.
153963. G-4. Santo Domingo.	153974. G-15. Mazatenango.
153964. G-5. Retaehulue.	153975. G-16. Coronado.
153965. G-6. Caballo Blanco.	153976. G-17. San José el Idolo.
153966. G-7. San José el Iolo.	153977. G-18. San Rafael Panan.
153967. G-8. Cuotenango.	153978. G-19. Huehuetenango.
153968. G-9. (Bulk sample).	153979. G-20. Guatemala City.
153969. G-10. (Bulk sample).	153980. G-21. Mazatenango.
153970. G-11. (Bulk sample).	

153981 to 154105. From Mexico.

153981 to 153987. From the State of Guerrero.

153981. No. 1. Xalitla.	153985. No. 5. Mazatlán.
153982. No. 2. Xalitla.	153986. No. 6. Acahuizotla.
153983. No. 3. Mexcala.	153987. No. 7. Carrizal.
153984. No. 4. Petaquillas.	

153988 to 153995. From the State of Puebla.

153988. No. 8. Atlixco.	153992. No. 13. Catlán.
153989. No. 10. Matamoros.	153993. No. 14. Acatlán.
153990. No. 11. Tepenene.	153994. No. 15. Acatlán.
153991. No. 12. Acatlán.	153995. No. 16. Petlalcingo.

153996 to 154016. From the State of Oaxaca.

153996. No. 17. San Juan.	154000. No. 21. Santa Maria
153997. No. 18. San Juan.	Coyotepes.
153998. No. 19. Oaxaca.	154001. No. 22. Santa Maria
153999. No. 20. San Agustín	Coyotepes.
de las Juntas.	154002. No. 24. Ocotlán.

153960 to 154105—Continued

154003. No. 25. Ejutla.	154010. No. 32. Salena Cruz.
154004. No. 26. Santiago Meahuatlán.	154011. No. 33. Salena Cruz.
154005. No. 27. Oaxaca.	154012. No. 34. Tlacotepec.
154006. No. 28. San José.	154013. No. 35. Ixtepéc.
154007. No. 29. Oaxaca.	154014. No. 36. Ixtepéc.
154008. No. 30. Salena Cruz.	154015. No. 37. Ixtepéc.
154009. No. 31. Salena Cruz.	154016. No. 38. Ixtepéc.

154017 to 154105. From the State of Chiapas.

154017. No. 39. Inxtla.	154050. No. 72. Acala.
154018. No. 40. Chiapa.	154051. No. 73. Acala.
154019. No. 41. Simojovel.	154052. No. 74. Acala.
154020. No. 42. Simojovel.	154053. No. 75. Acala.
154021. No. 43. Huitipan.	154054. No. 76. Near Acala.
154022. No. 44. Huitipan.	154055. No. 77. Acala.
154023. No. 45. Huitipan.	154056. No. 78. Acala.
154024. No. 46. Huitipan.	154057. No. 79. Chiapilla.
154025. No. 47. Inxtla.	154058. No. 80. Chiapilla.
154026. No. 48. Inxtla.	154059. No. 81. Chiapilla.
154027. No. 49. Inxtla.	154060. No. 82. Chiapilla.
154028. No. 50. Inxtla.	154061. No. 83. Chiapilla.
154029. No. 51. Inxtla.	154062. No. 84. Chiapilla.
154030. No. 52. Inxtla.	154063. No. 85. Chiapilla.
154031. No. 53. Chiapa.	154064. No. 86. Chiapilla.
154032. No. 54. Chiapa.	154065. No. 87. Totolapa.
154033. No. 55. Inxtla.	154066. No. 88. Totolapa.
154034. No. 56. Ieran.	154067. No. 89. Totolapa.
154035. No. 57. Ieran.	154068. No. 90. Zapatal.
154036. No. 58. Ieran.	154069. No. 91. Zapatal.
154037. No. 59. Berriozabal.	154070. No. 92. Zapatal.
154038. No. 60. Berriozabal.	154071. No. 93. Zapatal.
154039. No. 61. Ocozacutla.	154072. No. 94. Near Acala.
154040. No. 62. Inxtla.	154073. No. 95. Lazaro Gardenas.
154041. No. 63. Inxtla.	154074. No. 96. Tuxtla.
154042. No. 64. Inxtla.	154075. No. 97. Tuxtla.
154043. No. 65. Acala.	154076. No. 98. Tuxtla.
154044. No. 66. Acala.	154077. No. 99. Las Casas.
154045. No. 67. Acala.	154078. No. 100. Las Casas.
154046. No. 68. Acala.	154079. No. 101. Comitán.
154047. No. 69. Acala.	154080. No. 102. Comitán.
154048. No. 70. Acala.	154081. No. 103. Comitán.
154049. No. 71. Acala.	154082. No. 104. Comitán.

153960 to 154105—Continued.

154083. No. 105. Comitan.	154095. No. 117. San Bartalome.
154084. No. 106. Comitan.	154096. No. 118. San Bartalome.
154085. No. 107. Comitan.	154097. No. 119. Flores Magon.
154086. No. 108. Comitan.	154098. No. 120. Flores Magon.
154087. No. 109. Comitan.	154099. No. 121. Flores Magon.
154088. No. 110. Comitan.	154100. No. 122. Rosario.
154089. No. 111. Zoria Titan.	154101. No. 123. Rosario.
154090. No. 112. San Bartalome.	154102. No. 124. Rosario.
154091. No. 113. San Bartalome.	154103. No. 125. Chiapalla.
154092. No. 114. San Bartalome.	154104. No. 126. Lazaro.
154093. No. 115. San Bartalome.	154105. No. 127. Cintalapa.
154094. No. 116. San Bartalome.	

154106. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 28, 1946.

Early-maturing type.

154107. *RHOEO* sp. Commelinaceae.

From Mexico. Seeds presented by Dr. Narciso Couza-Novelo, Mérida, Yucatán. Received March 29, 1946.

154108 to 154120. *MORUS* spp. Moraceae.

From Japan. Plants presented by F. Kubota, Mulberry Technician, Japanese Ministry of Agriculture and Forestry, Tokyo, through Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 29, 1946.

154108 to 154112. *MORUS ALBA* L.

White mulberry.

154108. <i>Ichinose</i> .	154111. <i>Takowase</i> .
154109. <i>Kairyō-nezumigaeshi</i> .	154112. <i>Tomieiso</i> .
154110. <i>Shuakuichi</i> .	

154113 to 154116. *MORUS AUSTRALIS* Poir.

154113. <i>Akaki</i> .	154115. <i>Kenmochi</i> .
154114. <i>Ichihai</i> .	154116. <i>Shimanouchi</i> .

154117 and 154118. *MORUS ALBA* var. *MULTICAULIS* (Perr.) Loud.

154117. <i>Oshimaso</i> .
154118. <i>Roso</i> .

154119. *MORUS* sp.

Nekoyatakasuke.

154120. *MORUS* sp.

Obawase.

154121. *CYNODON PLECTOSTACHYUM* (Schum.) Pilg. Poaceae.
Giant star grass.

From India. Seeds presented by Dr. B. Sen, Bivekananda Laboratory, Almora, United Provinces, through W. F. Dickson, Agricultural Adviser, New Delhi. Received March 25, 1946.

154122 to 154126. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Mexico. Seeds collected by T. R. Richmond, Agricultural Experiment Station, College Station, Tex. Received March 28, 1946.

A collection of beans from southern Mexico; received without special notes.

154122. No. 1.

154125. No. 4.

154123. No. 2.

154126. No. 5.

154124. No. 3.

154127. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From South Carolina. Seeds presented by the United States Department of Agriculture Vegetable Breeding Laboratory, Charleston. Received May 6, 1946.

CRW 104-5.

154128. MANIHOT ANGUSTILOBA (Torr.) Muell. Arg. Euphorbiaceae.

From Arizona. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in May 1946.

Originally grown from seeds collected in Sycamore Canyon, Santa Cruz County, in August 1945, by Leslie N. Goodding, Soil Conservation Service.

154129. CROTALARIA JUNCEA L. Fabaceae.**Sunn-hemp.**

From Texas. Seeds purchased from the Ellis Seed Co., Weslaco. Received April 15, 1946.

154130. PASPALUM NOTATUM Fluegge. Poaceae.**Bahia grass.**

From Paraguay. Seeds presented by W. C. Brister, Director of Food Supply Division, Office of Inter-American Affairs, Washington, D. C. Received April 16, 1946.

Barreiro. A broadleaf variety, collected on STICA ranch, Caapucu.

154131. BALANITES AEGYPTIACA (L.) Delile. Zygophyllaceae.

From Egypt. Seeds presented by Alfred Bircher, Middle Egypt Botanic Station, el Saff. Received April 18, 1946.

154132 to 154134.

From Peru. Seeds presented by Luis Gonzales Prada, Negociación Agrícola, Sullana. Received April 18, 1946.

154132. *ORYZA SATIVA* L. Poaceae.**Rice.**

Lambayeque. From Sen-Peni.

154133 and 154134. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.**Cowpea.**154133. *Bocablanca.* From Piura.154134. *Bocanegra.* From Piura.**154135. AMYGDALUS PERSICA L. Amygdalaceae.****Peach.**

From Maine. Plants growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered April 18, 1946.

Marquette. Originally from R. M. Riley, Pittsfield.

154136 to 154139. ORNITHOPUS SATIVUS Brot. Fabaceae.**Serradella.**

From Portugal. Seeds presented by the Director General of Agriculture, Lisbon. Received April 11, 1946.

154136. No. 1.

154138. No. 3.

154137. No. 2.

154139. No. 4.

154140 to 154142. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Minnesota. Tubers obtained from the Agricultural Experiment Station, University Farm, St. Paul. Received April 11, 1946.

154140. *Kasota*.

154142. *Red Warba*.

154141. *Mesaba*.

154143 to 154146. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Maryland. Roots obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 11, 1946.

154143. *Big-Stem Jersey*.

154145. *Puerto Rico*.

154144. *Nancy Hall*.

154146. *Yellow Jersey*.

154147. CUPRESSUS SEMPERVIRENS L. Pinaceae. Italian cypress.

From Greece. Seeds presented by James Levanes, Washington, D. C. Received April 17, 1946.

Collected in Athens.

154148. ALEURITES FORDII Hemsl. Euphorbiaceae. Tung-oil tree.

From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 18, 1946.

154149. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. Kudzu.

From Georgia. Roots purchased from the Kudzu Farms, Barnesville. Received April 9, 1946.

154150. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Canada. Seeds purchased from the Steele, Briggs Seed Co., Toronto. Received April 1, 1946.

Vetomold.

154151. SORGHUM SUDANENSE (Piper) Stapf. Poaceae. Sudan grass.

From Texas. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 1, 1946.

Sweet Sudan grass developed by the Agricultural Experiment Station, College Station, Tex.

154152 and 154153. ZEA MAYS L. Poaceae. Corn.

From Iowa. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

154152. *Iowa Hybrid No. 306*.

154153. *U. S. Hybrid No. 35*.

154154 to 154169. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Germany. Cuttings obtained from the Weißenstephan Agricultural School, Weißenstephan, Bavaria, through Lt. R. A. Peters, United States Army. Received March 28, 1946.

154154. *Alba*.

154158. *Belle Fleur Rehard*.

154155. *Antonowka Kaminitshka*.

154159. *Antonowka*.

154156. *Babuschkino*.

154160. *Hybride Aus Mlejewo*.

154157. *Belle Fleur Kitajka*.

154161. *Kandil Kitajka*.

154154 to 154169—Continued

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| 154162. <i>Kandil Sinap.</i> | 154166. <i>Nitschners Erdbeerapfel.</i> |
| 154163. <i>Kantapfel Von Mitschurin.</i> | 154167. <i>Novopoulowskoje.</i> |
| 154164. <i>Miron Sacharani.</i> | 154168. <i>Pepping Kitajka.</i> |
| 154165. <i>Mitschurins Samenioser.</i> | 154169. <i>Pepping Schattranaga.</i> |

154170. ANNONA CHERIMOLA Mill. Annonaceae. Cherimoya.

From Peru. Seeds presented by Edwin Anderson, W. R. Grace & Co., Lima.
Received April 1, 1946.

Grown in the Huacho Valley.

154171 to 154178. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Argentina. Seeds presented by E. C. Clos, Ministry of Agriculture, Buenos Aires. Received April 1, 1946.

From Eldorado, Misiones.

154171. *No. 2912.* Spineless variety.

154172. *No. 2913.*

154173. *No. 2914.*

154174. *No. 2915.*

154175. *No. 2916.*

154176. *No. 2917.*

154177. *No. 2918.*

154178. *No. 2919.* Spiny, Brazilian variety.

154179 and 154180. PYRUS COMMUNIS L. Malaceae. Common pear.

From Palestine. Scions presented by the Jewish Agency, Agricultural Research Station, Rehovot. Received April 2, 1946.

154179. *Calville Saint Sauveur.*

154180. (No varietal name.)

154181 to 154184. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.

From Argentina. Seeds presented by E. C. Clos, Ministry of Agriculture, Buenos Aires. Received April 3, 1946.

154181. *No. 2990. Girasol.* From Maximo Paz, Province of Buenos Aires.

154182 to 154184. From the Estación Experimental de Puerta de Diaz, Coronel Moldes, Province of Salta.

154182. *Girasol Blanco.*

154183. *Girasol Negro.*

154184. *Girasol Rayado.*

154185 and 154186. ORYZA SATIVA L. Poaceae. Rice.

From the eastern Caroline Islands. Seeds presented by H. G. MacMillan, Deputy Special Representative, United States Commercial Co. Received April 3, 1946.

From the Island of Ponape.

154185. Upland.

154186. Paddy.

154187. LESPEDEZA STRIATA (Thunb.) Hook. & Arn. Fabaceae.

From Louisiana. Seeds purchased from the Louisiana Agricultural Cooperative, Inc., Baton Rouge. Received April 3, 1946.

154188. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Colorado. Tubers presented by W. C. Edmundson, Horticulturist, Potato Field Station, Greeley. Received April 8, 1946.

Pawnee.

154189 to 154200. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From the Netherlands. Seeds presented by W. A. Beck, Centraal Instituut voor Landbouwkundig Onderzoek, Wageningen. Received April 4, 1946.

Hybrids from L. Koch, Zeist, Netherlands.

154189. *No. 57.*

154195. *No. 50.*

154190. *No. 39.*

154196. *No. 51.*

154191. *No. 44.*

154197. *No. 701.*

154192. *No. 45.*

154198. *No. 707.*

154193. *No. 47.*

154199. *No. 709.*

154194. *No. 48.*

154200. *No. 713.*

154201. ORMOSIA SANTAREMNENSIS Ducke. Fabaceae.

From Brazil. Seeds presented by S. O. Thatcher, Marshall, Tex. Received April 5, 1946.

Tento. From Manáos.

154202 to 154215. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Illinois. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 5, 1946.

154202. *Boone.*

154209. *Macoupin.*

154203. *Chief.*

154210. *Mandell.*

154204. *Dunfield.*

154211. *Ontario.*

154205. *Earlyana.*

154212. *Patoka.*

154206. *Flambeau.*

154213. *Richland.*

154207. *Gibson.*

154214. *Scioto.*

154208. *Lincoln.*

154215. *Viking.*

154216. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Tubers presented by W. P. Deberry, Oakland. Received April 4, 1946.

Potomac.

154217. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maine. Tubers presented by R. V. Akeley, Aroostook Farm, Presque Isle. Received April 5, 1946.

Earlaine.

154218 to 154220. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From New York. Tubers presented by the Robson Seed Farms, Hall. Received April 9, 1946.

154218. *Cayuga.*

154219. *Ontario.*

154220. *Seneca.*

154221. ZEA MAYS. L. Poaceae.**Corn.**

From Washington, D. C. Seeds presented by F. W. Bolgiano & Co. Received April 11, 1946.

U. S. Hybrid No. 13.

154222 to 154268. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Plant Industry Station, Beltsville. Received April 16, 1946.

154222. *Aoda.* 154246. *Wolverne.*

154223. *Arksoy.* 154247. *GV-8.*

154224. *Boone.* 154248. *GV-9.*

154225. *Chief.* 154249. *Armredo.*

154226. *Emperor-1.* 154250. *Biloxi.*

154227. *Funk Delicious.* 154251. *Burnette.*

154228. *Gibson.* 154252. *Charlee.*

154229. *Hahto-1.* 154253. *Cherokee.*

154230. *Hahto-3.* 154254. *Clemson.*

154231. *Hagan-B.* 154255. *CNS.*

154232. *Hongkong.* 154256. *Creole.*

154233. *Imperial.* 154257. *Georgian.*

154234. *Imperial-5.* 154258. *Magnolia.*

154235. *Jogun.* 154259. *Mamredo.*

154236. *Kanum.* 154260. *Missoy.*

154237. *Kanro.* 154261. *Monetta.*

154238. *Lincoln.* 154262. *Nanda.*

154239. *Macoupin.* 154263. *Nanking.*

154240. *Patoka.* 154264. *Ogden.*

154241. *Ralsoy.* 154265. *Palmetto.*

154242. *Rokusun-7.* 154266. *Roanoke.*

154243. *Tastee.* 154267. *Seminole.*

154244. *Viking.* 154268. *Volstate.*

154245. *Willomi*

154269 to 154272.

From New Zealand. Seeds presented by J. D. Wraight, Timaru. Received April 3, 1946.

154269. *DACTYLIS GLOMERATA L. Poaceae.*

Orchard grass.

New Zealand Cocksfoot No. C-23.

154270. *LOLIUM MULTIFLORUM Lam. Poaceae.*

Italian ryegrass.

154271. *TRIFOLIUM PRATENSE L. Fabaceae.*

Red clover.

Montgomery.

154272. *TRIFOLIUM REPENS L.*

White clover.**154273 to 154277.**

From Sweden. Seeds presented by the Lantbrukshogskolans Institution for Vaxtödlingslara, Upsala. Received April 9, 1946.

154273 and 154274. *HORDEUM VULGARE L. Poaceae.*

Barley.

154273 to 154277—Continued154273. *Stellar*. From Landskrona.154274. *Ymer*. From Svalof.154275 and 154276. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

154275. *Bronze*. From Landskrona.154276. *Karn*. From Landskrona.154277. *TRITICUM AESTIVUM* × *SECALE CEREALE*. Poaceae.

Wheat-rye hybrid.

From Salzmiinde.

154278 to 154284. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Algeria. Seeds presented by the Chief, Central Station for Seed Trials and Plant Improvement, Maison-Carrée, Algiers. Received April 17, 1946.

154278. *Florence* × *Aurora* No. 8183.154282. *Pusa* × *Mentana* No. 9290.154279. *Florence* × *Aurora* No. 8191.154283. *Pusa* × *Mentana* No. 10359.154280. *Florence* × *Aurora* No. 8183.154284. *Zenati* × *Bouteille* No. 13953.154281. *Oued* × *Zenati* No. 368.**154285 to 154292.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Dirección Forestal, Division Silvicultura, Buenos Aires. Received April 2, 1946.

154285. *CHORISIA SPECIOSA* St. Hil. Bombacaceae.*Palo Borracho*.154286. *ENTEROLOBIUM CONTORTISILIQUUM* (Vell.) Morong. Mimosaceae.*Timbo*.154287. *PROSOPIS ALBA* Griseb. Mimosaceae.*Algarrobo Blanco*.154288. *PROSOPIS NANDUBEEY* Lorentz.*Nandubay*.154289. *PROSOPIS NIGRA* (Griseb.) Hieron.*Algarrobo Negro*.154290. *SCHINOPSIS LORENTZII* (Griseb.) Engler. Anacardiaceae.*Quebracho Santiagueno*.154291. *SCHINUS MOLLE* L. Anacardiaceae.

California peppertree.

Aquaribay.154292. *TIPUANA TIPU* (Benth.) O. Kuntze. Fabaceae.

Tipu-tree.

154293 to 154295. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Japan. Seeds presented by Dr V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 19, 1946.

154293. *Improved Imperial Pink*.154295. *Improved Tokyo Market*.154294. *Improved Globe Tokyo*.**154296 to 154297. *SOLANUM TUBEROSUM* L. Solanaceae.**

Potato.

From Michigan. Tubers presented by the Michigan Potato Exchange, Cadillac. Received April 22, 1946.

154296. *Erie*.154297. *Pontiac*.

154298 to 154310. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From Mexico. Seeds presented by Ricardo Leon Manzo, Campo Experimental del Yaqui, Ciudad Obregon, Sonora. Received April 22, 1946.

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| 154298. 1-2-5-1-3. | 154305. 10-5-6-4-4. |
| 154299. 3-4-6-6-1. | 154306. 13-3-5-2-4. |
| 154300. 5-1-4-3-5. | 154307. 14-4-5-2-2. |
| 154301. 7-3-5-4-2. | 154308. 25-2-5-6-6. |
| 154302. 8-2-6-3-1. | 154309. 23-6-3-2-3. |
| 154303. 9-2-5-3-3. | 154310. 34-3-5-1-4. |
| 154304. 10-3-6-3-5. | |

154311 to 154319. PELARGONIUM spp. Geraniaceae.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 23, 1946.

- 154311. PELARGONIUM TOMENTOSUM Jacq.
- 154312. PELARGONIUM sp.
- 154313. PELARGONIUM DENTICULATUM Jacq.
- 154314. PELARGONIUM sp.
- 154315. PELARGONIUM RADULA (Cav.) L'Her.
- 154316. PELARGONIUM sp.
- 154317. PELARGONIUM ODORATISSIMUM (L.) Soland.
- 154318. PELARGONIUM CAPITATUM (L.) L'Hér.
- 154319. PELARGONIUM LIMONIUM Sweet.

154320 to 154324. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maine. Tubers presented by the Eastern States Farmers Exchange, Springfield, Mass. Received April 24, 1946.

Originally from Presque Isle.

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| 154320. <i>Earlaine</i> . | 154323. <i>Sebago</i> . |
| 154321. <i>Houma</i> . | 154324. <i>Sequoia</i> . |
| 154322. <i>Mohawk</i> . | |

154325 to 154328. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 24, 1946.

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| 154325. <i>Coker 100</i> . | 154327. <i>Empire</i> . |
| 154326. <i>Deltapine 14</i> . | 154328. <i>Stoneville 2-B</i> . |

154329 and 154330. MALUS. Malaceae.

From Canada. Trees presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received April 25, 1946.

- 154329. *Astrakan White* × *Malus manchurica*.
- 154330. *Calville Blanc* × *Malus manchurica*.

154331 and 154332. COFFEA spp. Rubiaceae. Coffee.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Dec. 3, 1951.

154331 and 154332—Continued

154331. *COFFEA ARABICA* L.

Variety *Columnaris*. Grown from seeds received in 1925 from the Federal Experiment Station, Mayagüez, Puerto Rico.

154332. *COFFEA* sp.

Originally received from the Office of Crop Acclimatization, Washington, D. C., in 1925.

154333 to 154335. *MALUS*. Malaceae.

From Canada. Scions presented by the Central Experiment Farm, Ottawa. Received April 26, 1946.

154333. *Rondo*.154334. *Rosthern Seedling No. 22*.154335. *Rosthern Seedling No. 77*.154336 and 154337. *IPOMOEA BATATAS* (L.) *ORIG. VULGARIS* P.
Sweetpotato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 29, 1946.

154336. *L-126*. (Formerly *1x6-39-10*.)154337. *L-9*. (Formerly *1x42-39-3*.)

154338 to 154341.

From China. Seeds collected in Kansu Province by W. C. Lowdermilk, Soil Conservation Service, United States Department of Agriculture. Received April 17, 1946.

154338 and 154339. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

Kootai, Kansu Corridor, Sept. 1, 1943.

154338. *Kootai No. 1*.154339. *Kootai No. 2*.154340. *PYRUS* sp. Malaceae.

Pear.

Upper King River Valley, near Ping Liang. Fruit brown, dense.

154341. *PYRUS* sp.

Upper King River Valley, near Ping Liang. Fruit yellow, dense.

154342 to 154344.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received April 29, 1946.

154342. *ELAEAGNUS COMMUTATA* Bernh. Elaeagnaceae.154343. *MAHONIA AQUIFOLIUM* (Pursh) Nutt. Berberidaceae.154344. *SHEPHERDIA CANADENSIS* (L.) Nutt. Elaeagnaceae.154345. *CITRUS AURANTIUM* × *SINENSIS*. Rutaceae.

Bittersweet orange.

From California. Seeds presented by the Citrus Experiment Station, Riverside. Received April 29, 1946.

154346 and 154347.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in May 1946.

154346 and 154347—Continued

154346. KOHLERIA sp. Gesneriaceae.

Originally from Colombia. Collected along road between Villavicencio and Puerto Lopez by Dr. David Fairchild. A tall pink-flowered perennial herb, 2½ feet high, with densely pubescent leaves and scaly stems. The tubular flowers, 2 inches long, resemble those of a penstemon.

154347. TOURNEFORTIA SARMENTOSA Lam. Boraginaceae.

Collected near Donggala, Celebes, Dutch East Indies, by the Archbold-Fairchild Expedition. A scandent vine with alternate light-green leaves, up to 8 by 2½ inches, and pendent clusters of glossy pearl-white fruits, ¼ inch in diameter, in double rows.

154348. ORYZA SATIVA L. Poaceae.

Rice.

From Arkansas. Seeds obtained from the Agricultural Experiment Station, Stuttgart. Received April 29, 1946.

Arkrose.

154349 to 154364.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 7, 1946.

154349 to 154355. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

154349. African.

154353. Indian.

154350. Arizona Chilean.

154354. Kansas Common.

154351. Buffalo.

154355. Oklahoma.

154352. Hardigan.

154356 and 154357. MELILOTUS ALBA Desr. Fabaceae.

White sweetclover.

154356. Arctic.

154357. Brandon Dwarf.

154358 and 154359. MELILOTUS OFFICINALIS (L.) Lam.

Yellow sweetclover.

154358. Erector.

154359. Madrid.

154360. TRIFOLIUM DUBIUM Sibth. Fabaceae.

154361. TRIFOLIUM GLOMERATUM L.

154362. TRIFOLIUM HIRTUM All.

154363. TRIFOLIUM PRATENSE L.

Red clover.

Cumberland.

154364. TRIFOLIUM PROCUMBENS L.

Large Hop.

154365 to 154367.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 7, 1946.

154365. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.

Guar.

154366 and 154367. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

154366. Indian.

154367. Oklahoma Common.

154368 to 154387. *ZEA MAYS* L. Poaceae.

Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases.
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received May 7, 1946.

154368. <i>CI</i> 187-2.	154378. <i>K</i> 10.
154369. <i>Tenn</i> 8.	154379. <i>K</i> 41.
154370. <i>La</i> 10.	154380. <i>K</i> 4.
154371. <i>La</i> 44.	154381. <i>K</i> 6.
154372. <i>La</i> 87-2.	154382. <i>K</i> 8.
154373. <i>La</i> 568.	154383. <i>K</i> 44.
154374. <i>NC</i> 45.	154384. <i>K</i> 55.
154375. <i>NC</i> 61.	154385. <i>K</i> 60.
154376. <i>NC</i> 73.	154386. <i>K</i> 63.
154377. <i>La</i> 578.	154387. <i>K</i> 64.

154388 and 154389. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

From England. Seeds presented by Gartons, Ltd., Warrington. Received May 7, 1946.

154388. <i>S</i> -26.
154389. <i>S</i> -143.

154390 to 154403. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases.
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville.
Received April 7, 1946.

154390. <i>Boone</i> .	154397. <i>Macoupin</i> .
154391. <i>Chief</i> .	154398. <i>Ogden</i> .
154392. <i>Dunfield</i> .	154399. <i>Patoka</i> .
154393. <i>Gibson</i> .	154400. <i>Viking</i> .
154394. <i>Hongkong</i> .	154401. <i>Volstate</i> .
154395. <i>Illini</i> .	154402. <i>C. N. S.</i>
154396. <i>Lincoln</i> .	154403. <i>Ral soy</i> .

154404 to 154411.

From Chile. Seeds presented by Carlos Junge, Jardin Zoologico, Concepción.
Received May 8, 1946.

154404. <i>BACCHARIS RACEMOSA</i> DC. Asteraceae.
154405. <i>CALCEOLARIA INTEGRIFOLIA</i> Murr. Scrophulariaceae. <i>No.</i> 274.

154406. *DRIMYS CHILENSIS* DC. Magnoliaceae.

An evergreen tree up to 60 feet tall, with white flowers.

154407. *LAURELIA SEMPERVIRENS* (Ruiz & Pav.) Tulasne. Monimiaceae.

An evergreen tree up to 70 feet tall, with small greenish flowers.

154408. *MAYTENUS MAGELLANICUS* (Lam.) Hook. f. Celastraceae.154409. *OENOTHERA BERTERIANA* Spach. Onagraceae.154410. *PERNETTYA MELANOCARPA* Phil. Ericaceae.

An evergreen shrub with white flowers.

154411. *PEUMUS BOLDUS* Molina. Monimiaceae.

An evergreen shrub, 3 to 20 feet high, with white flowers.

154412. COCHLOSPERMUM VITIFOLIUM (Willd.) Spreng.

Cochlospermaceae.

From British Honduras. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered May 9, 1946.

Originally obtained from Belize in 1945 by E. A. Menninger, Stuart, Fla.

154413 and 154414. ORYZA SATIVA L. Poaceae.**Rice.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 10, 1946.

154413. *Cody*.154414. *Cohusa*.**154415 to 154429. ORYZA SATIVA L. Poaceae.****Rice.**

From Formosa. Seeds presented by the Foreign Affairs Bureau, Taiwan Army Staff Headquarters. Received May 10, 1946.

154415. *Kanan No. 2.*154423. *E-kha-keh-a.*154416. *Taichiya No. 65.*154424. *G-nng-chut.*154417. *Taichiya No. 150.*154425. *Liu-tau-a.*154418. *Taino No. 34.*154426. *Peh-bi-hun.*154419. *Taino No. 37.*154427. *Peh-khak.*154420. *Taino No. 38.*154428. *Teh-kong-hoe-le.*154421. *Taihoku No. 7.*154429. *Tek-si-chut.*154422. *E-kha-liu-chiu.***154430 to 154707. ORYZA SATIVA L. Poaceae.****Rice.**

From Formosa. Seeds presented by the Taichu Experiment Station, Taichu. Received May 10, 1946.

154430 to 154444. Formosan native varieties. (Upland, from mountain district.)

154430. *Pazumatamaru.*154438. *Nakara.*154431. *Paiyautsuru.*154439. *Nutsuriwai.*154432. *Baifufugoya.*154440. *Pakaitaiyaru.*154433. *Paiauru.*154441. *Natara.*154434. *Mairaromu.*154442. *Kaisentekketsu.*154435. *Ragasu.*154443. *Nahorui.*154436. *Komapatai.*154444. *Periizu.*154437. *Tangeshigeshi-rankatsu.*

154445 to 154448. Foreign varieties.

154445. *Hapit.*154447. *Montana.*154446. *Mandalagiri.*154448. *Mutica.*

154449 to 154453. Mongolian varieties.

154449. *Daido natives.*154452. *Saku natives.*154450. *Chikuroku natives.*154453. *Kin-suito.*154451. *Oge to.*

154454 to 154466. Horai varieties from the Taichu Experiment Station.

154454. *Taichu-toku No. 6.*154457. *Taichu No. 153.*154455. *Taichu No. 65.*154458. *Taichu No. 155.*154456. *Taichu No. 150.*154459. *Taichu No. 157.*

154430 to 154707—Continued

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| 154460. <i>Taichu No. 160.</i> | 154464. <i>Taichu Mochi No. 59.</i> |
| 154461. <i>Taichu No. 161.</i> | 154465. <i>Taichu Mochi No. 60.</i> |
| 154462. <i>Taichu No. 162.</i> | 154466. <i>Taichu Mochi No. 62.</i> |
| 154463. <i>Taichu Mochi No. 46.</i> | |

154467 to 154475. Formosan native varieties from the Taichu Experiment Station.

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| 154467. <i>Thianlai.</i> | 154472. <i>Hiakongpau.</i> |
| 154468. <i>Minton.</i> | 154473. <i>Hoana.</i> |
| 154469. <i>Pehbi-kimkau.</i> | 154474. <i>Limbo.</i> |
| 154470. <i>Chhinko-chiam.</i> | 154475. <i>Koa.</i> |
| 154471. <i>Pekkhak-kimkau.</i> | |

154476 to 154501. Formosan native varieties from mountain district.

154476 to 154487. Lowland.

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| 154476. <i>Pattosu.</i> | 154482. <i>Paazusibiri.</i> |
| 154477. <i>Paazudobusu.</i> | 154483. <i>Taimo.</i> |
| 154478. <i>Natapasume.</i> | 154484. <i>Karasu-karasu-rankatsu.</i> |
| 154479. <i>Payaipatosu.</i> | 154485. <i>Pasirankasu.</i> |
| 154480. <i>Sibura.</i> | 154486. <i>Nawayao.</i> |
| 154481. <i>Tobura.</i> | 154487. <i>Poshamu.</i> |

154488 to 154501. Upland.

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| 154488. <i>Perüzü.</i> | 154495. <i>Nagabo.</i> |
| 154489. <i>Tamohin.</i> | 154496. <i>Nakaran.</i> |
| 154490. <i>Sakura.</i> | 154497. <i>Pohotsu-taiyaru.</i> |
| 154491. <i>Paiyautsuru.</i> | 154498. <i>Fukurupagai.</i> |
| 154492. <i>Komonawai.</i> | 154499. <i>Kaasukotaköru.</i> |
| 154493. <i>Bohai.</i> | 154500. <i>Sen No. 4.</i> |
| 154494. <i>Gurusu.</i> | 154501. <i>Sen No. 8.</i> |

154502 to 154558. Japanese varieties.

154502 to 154549. Lowland.

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| 154502. <i>Gin-bozu.</i> | 154516. <i>Aikawa No. 44.</i> |
| 154503. <i>Gin-bozu-chusei.</i> | 154517. <i>Wase-ono.</i> |
| 154504. <i>Sozu No. 5.</i> | 154518. <i>Shin-shonai.</i> |
| 154505. <i>Aikoku No. 1.</i> | 154519. <i>Toyokuni No. 1.</i> |
| 154506. <i>Mubo-aikobu.</i> | 154520. <i>Sakai-kaneko.</i> |
| 154507. <i>Kairyo-aikoku.</i> | 154521. <i>Konko-taikei-to.</i> |
| 154508. <i>Rikuu No. 132.</i> | 154522. <i>Yasumura No. 8.</i> |
| 154509. <i>Kameji.</i> | 154523. <i>Kisshin No. 1.</i> |
| 154510. <i>Shinriki.</i> | 154524. <i>Shimehari.</i> |
| 154511. <i>Nakamura.</i> | 154525. <i>Amachi.</i> |
| 154512. <i>Tango-nakete.</i> | 154526. <i>Nagara-wase.</i> |
| 154513. <i>Asahi No. 3.</i> | 154527. <i>Hachizaemon.</i> |
| 154514. <i>Komiyako.</i> | 154528. <i>Guneki.</i> |
| 154515. <i>Iwata-asahi.</i> | 154529. <i>Odashirobo.</i> |

154430 to 154707—Continued

154530. <i>Mansaku.</i>	154540. <i>Myojin Mochi.</i>
154531. <i>Tamanishiki.</i>	154541. <i>Kuro Mochi No. 22.</i>
154532. <i>Takenari.</i>	154542. <i>Echigo-mizu Mochi.</i>
154533. <i>Mizuho.</i>	154543. <i>Taicho Mochi.</i>
154534. <i>Mii.</i>	154544. <i>Shichimencho Mochi.</i>
154535. <i>Minoru.</i>	154545. <i>Hassen Mochi.</i>
154536. <i>Yoru-no-yuki (Mochi).</i>	154546. <i>Kintoki Mochi.</i>
154537. <i>Fujikura Mochi.</i>	154547. <i>Kinoshita Mochi.</i>
154538. <i>Shiga-shiro Mochi.</i>	154548. <i>Yokozuchi Mochi.</i>
154539. <i>Kenen Mochi.</i>	154549. <i>Mizoshita Mochi.</i>

154550 to 154558. Upland varieties.

154550. <i>Sensho.</i>	154555. <i>Dango-Mochi.</i>
154551. <i>Asaga.</i>	154556. <i>Rikuu Mochi No. 22.</i>
154552. <i>Ura-san.</i>	154557. <i>Kokko Mochi.</i>
154553. <i>Hirayama.</i>	154558. <i>Tosa Mochi.</i>
154554. <i>Fukuton.</i>	

154559 to 154707. Japanese varieties improved in Formosa.

154559. <i>Kagi-ban No. 2.</i>	154584. <i>No-iku No. 1322.</i>
154560. <i>Taino No. 16.</i>	154585. <i>No-iku No. 1336.</i>
154561. <i>Taino No. 28.</i>	154586. <i>No-iku No. 1342.</i>
154562. <i>Taino No. 29.</i>	154587. <i>No-iku No. 1376.</i>
154563. <i>Taino No. 33.</i>	154588. <i>No-iku No. 1383.</i>
154564. <i>Taino No. 34.</i>	154589. <i>No-iku No. 1385.</i>
154565. <i>Taino No. 37.</i>	154590. <i>No-iku No. 1400.</i>
154566. <i>Taino No. 38.</i>	154591. <i>No-iku No. 1490.</i>
154567. <i>Taino No. 40.</i>	154592. <i>No-iku No. 1502.</i>
154568. <i>Taino No. 41.</i>	154593. <i>No-iku No. 1511.</i>
154569. <i>Taino No. 42.</i>	154594. <i>No-iku No. 1517.</i>
154570. <i>Taino No. 45.</i>	154595. <i>No-iku No. 1518.</i>
154571. <i>Taino No. 46.</i>	154596. <i>No-iku No. 1524.</i>
154572. <i>Taino No. 47.</i>	154597. <i>No-iku No. 1537.</i>
154573. <i>Taino No. 48.</i>	154598. <i>No-iku No. 1538.</i>
154574. <i>Taino No. 49.</i>	154599. <i>No-iku No. 1539.</i>
154575. <i>Taino No. 50.</i>	154600. <i>No-iku No. 1544.</i>
154576. <i>Taino No. 51.</i>	154601. <i>No-iku No. 1570.</i>
154577. <i>Taino No. 52.</i>	154602. <i>No-iku No. 1572.</i>
154578. <i>Taino No. 53.</i>	154603. <i>No-iku No. 1575.</i>
154579. <i>Taino No. 55.</i>	154604. <i>No-iku No. 1576.</i>
154580. <i>No-iku No. 865.</i>	154605. <i>No-iku No. 1577.</i>
154581. <i>No-iku No. 1110.</i>	154606. <i>No-iku No. 1586.</i>
154582. <i>No-iku No. 1136.</i>	154607. <i>No-iku No. 1594.</i>
154583. <i>No-iku No. 1310.</i>	154608. <i>No-iku No. 1609.</i>

154430 to 154707—Continued

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| 154609. <i>No-iku</i> No. 1625. | 154651. <i>Taihoku</i> No. 8. |
| 154610. <i>No-iku</i> No. 1651. | 154652. <i>Taihoku</i> No. 9. |
| 154611. <i>No-iku</i> No. 1684. | 154653. <i>Taihoku</i> No. 10. |
| 154612. <i>No-iku</i> No. 1694. | 154654. <i>Taihoku</i> No. 11. |
| 154613. <i>No-iku</i> No. 1699. | 154655. <i>Taihoku</i> No. 12. |
| 154614. <i>No-iku</i> No. 1706. | 154656. <i>Taihoku</i> No. 13. |
| 154615. <i>No-iku</i> No. 1716. | 154657. <i>Taihoku</i> No. 22. |
| 154616. <i>No-iku</i> No. 1764. | 154658. <i>Taihoku</i> No. 127. |
| 154617. <i>No-iku</i> No. 1767. | 154659. <i>Taihoku</i> No. 177. |
| 154618. <i>No-iku</i> No. 1771. | 154660. <i>Shinchiku</i> No. 4. |
| 154619. <i>No-iku</i> No. 1774. | 154661. <i>Shinchiku</i> No. 5. |
| 154620. <i>No-iku</i> No. 1779. | 154662. <i>Shinchiku</i> No. 7. |
| 154621. <i>No-iku</i> No. 1783. | 154663. <i>Shinchiku</i> No. 8. |
| 154622. <i>No-iku</i> No. 1792. | 154664. <i>Taichu</i> No. 114. |
| 154623. <i>No-iku</i> No. 1795. | 154665. <i>Taichu</i> No. 122. |
| 154624. <i>No-iku</i> <i>Mochi</i> No. 3. | 154666. <i>Taichu</i> No. 145. |
| 154625. <i>No-iku</i> <i>Mochi</i> No. 11. | 154667. <i>Taichu</i> No. 150. |
| 154626. <i>No-iku</i> <i>Mochi</i> No. 13. | 154668. <i>Taichu</i> No. 151. |
| 154627. <i>No-iku</i> <i>Mochi</i> No. 20. | 154669. <i>Taichu</i> No. 152. |
| 154628. <i>No-iku</i> <i>Mochi</i> No. 24. | 154670. <i>Taichu</i> No. 153. |
| 154629. <i>No-iku</i> <i>Mochi</i> No. 25. | 154671. <i>Taichu</i> No. 154. |
| 154630. <i>No-iku</i> <i>Mochi</i> No. 30. | 154672. <i>Taichu</i> No. 155. |
| 154631. <i>No-iku</i> <i>Mochi</i> No. 34. | 154673. <i>Taichu</i> No. 156. |
| 154632. <i>No-iku</i> <i>Mochi</i> No. 35. | 154674. <i>Taichu</i> No. 157. |
| 154633. <i>No-iku</i> <i>Mochi</i> No. 51. | 154675. <i>Taichu</i> No. 159. |
| 154634. <i>No-iku</i> <i>Mochi</i> No. 54. | 154676. <i>Taichu</i> No. 160. |
| 154635. <i>No-iku</i> <i>Mochi</i> No. 57. | 154677. <i>Taichu</i> No. 161. |
| 154636. <i>No-iku</i> <i>Mochi</i> No. 59. | 154678. <i>Taichu</i> No. 162. |
| 154637. <i>No-iku</i> <i>Mochi</i> No. 64. | 154679. <i>Kanan</i> No. 2. |
| 154638. <i>No-iku</i> <i>Mochi</i> No. 66. | 154680. <i>Kanan</i> No. 3. |
| 154639. <i>No-iku</i> <i>Mochi</i> No. 68. | 154681. <i>Kanan</i> No. 4. |
| 154640. <i>No-iku</i> <i>Mochi</i> No. 75. | 154682. <i>Kanan</i> No. 6. |
| 154641. <i>No-iku</i> <i>Mochi</i> No. 83. | 154683. <i>Kanan</i> No. 8. |
| 154642. <i>No-iku</i> <i>Mochi</i> No. 87. | 154684. <i>Kanan</i> No. 9. |
| 154643. <i>No-iku</i> <i>Mochi</i> No. 110. | 154685. <i>Kanan</i> No. 10. |
| 154644. <i>No-iku</i> <i>Mochi</i> No. 116. | 154686. <i>Kanan</i> No. 11. |
| 154645. <i>No-iku</i> <i>Mochi</i> No. 146. | 154687. <i>Kanan</i> No. 12. |
| 154646. <i>No-iku</i> <i>Mochi</i> No. 169. | 154688. <i>Kanan</i> No. 13. |
| 154647. <i>No-iku</i> <i>Mochi</i> No. 174. | 154689. <i>Kanan</i> No. 14. |
| 154648. <i>No-iku</i> <i>Mochi</i> No. 179. | 154690. <i>Kanan</i> No. 15. |
| 154649. <i>No-iku</i> <i>Mochi</i> No. 201. | 154691. <i>Kanan</i> No. 20. |
| 154650. <i>Taihoku</i> No. 7. | 154692. <i>Nan-iku</i> No. 484. |

154430 to 154707—Continued

154693. *Nan-iku* No. 485.154694. *Nan-iku* No. 500.154695. *Ka-no-iku* No. 2724.154696. *Ka-no-iku* No. 2733.154697. *Ka-no-iku* No. 2574.154698. *Takao* No. 10.154699. *Takao* No. 12.154700. *Takao* No. 13.154701. *Takao* No. 16.154702. *Takao* No. 18.154703. *Karenko* No. 5.154704. *Karenko* No. 12.154705. *Taichu* No. 65.154706. *Taichu Mochi* No. 46.154707. *Takao* No. 11.154708 to 154711. *ORYZA SATIVA* L. Poaceae.

Rice.

From Brazil. Seeds presented by the Seccão do Fomento Agrícola, Maranhão.
Received May 13, 1946.

154708. No. 3. *Come-Cru Branco*.154710. No. 1. *Douradão*.154709. No. 4. *Come-Cru Peludo*.154711. No. 2. *Maranhão*.154712. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From Kansas. Seeds presented by J. M. Andres, Manhattan. Received May 16,
1946.

No. 19. *Linea* 2186. Probably from Argentina.154713. *PISONIA ZAPALLO* Griseb. Nyctaginaceae.

From Argentina. Seeds presented by Dr. Juan A. Dominguez, Instituto Nacional
de Botanica "Julio A. Roca," Buenos Aires. Received May 14, 1946.

154714 and 154715.

From Tasmania. Seeds presented by A. L. Goodwin, Mangalore. Received
May 6, 1946.

154714. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

Milford Lucerne.154715. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

Milford Cocksfoot.

154716 to 154721.

From Costa Rica. Seeds obtained by Theodore J. Grant, Agricultural Attaché,
American Embassy, San José. Received May 8, 1946.

154716. *RAPHIA* sp. Phoenicaceae.

Palm.

Silico. Originally collected by Theodore J. Grant in southeastern Nicaragua.154717 to 154721. *RUBUS* spp. Rosaceae.

Collected by Claude Hope.

154717. *RUBUS* sp.

Southeastern slopes of Poas Volcano, near Los Cartagos.

154718. *RUBUS* sp.

Slopes of Turrialba Volcano.

154719 to 154721. Southeastern slopes of Poas Volcano, near Los Cartagos.

April 15, 1946.

154719. *RUBUS* sp.154720. *RUBUS* sp.154721. *RUBUS* sp.

154722. OLEA sp. Oleaceae.

From Tunisia. Cuttings presented by the Service Botanique, Ariana. Received May 14, 1946.

El Guim. (El-Hor, Ouslati.)

154723. CAESALPINIA SPINOSA (Mol.) Kuntze. Caesalpiniaceae. Tara.

From South America. Seeds presented by an unknown donor. Received May 17, 1946.

154724. VITIS sp. Vitaceae.

From Brazil. Cuttings presented by F. Febeliano da Costa Filho, Instituto Agronômico, Campinas, São Paulo. Received May 20, 1946.

Uva Baia. A Brazilian species that bears bluish-black fleshy fruits, about the size of a walnut, with small seeds. The bunches of fruit are sometimes 2 feet in length. The vine becomes 15 to 20 feet long.

154725 and 154726. ANNONA CHERIMOLA Mill. Annonaceae.

Cherimoya.

From Peru. Seeds presented by Edwin Anderson, Lima. Received May 15, 1946:

154725. A rough-skinned variety from the Huacho Valley.

154726. A smooth-skinned variety from the Huacho Valley.

154727 to 154732.

From Kenya and Uganda. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 15, 1946.

154727 to 154729. SACCHARUM SPONTANEUM L. Poaceae.

154727. No. 515. *Burunguru.* Ramurikize River, Kenya.

154728. No. 525. *Rungorungo.* West of Ramurikize River, Kenya.

154729. No. 526. Near Kagade, Uganda.

154730 to 154732. ERIANTHUS FLAVESCENS K. Schum. Poaceae.

Received as *Miscanthidium flavescens*.

154730. No. 486. Uganda.

154731. No. 529. Near Kyanjojo, Toro District, Kenya.

154732. No. 700. Near Kapsabet, Kenya.

154733 to 154875.

From Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 15, 1946.

Unless otherwise noted, collections were made in Uganda in January and February of 1946.

154733 to 154744. SORGHUM spp. Poaceae.**154733 to 154735. SORGHUM RIGIDIFOLIUM Stapf.**

154733. No. 466. Near Turbo, Kenya.

154734. No. 467. From 40 miles west of Eldoret, Kenya.

154735. No. 468. Masaka District

154736 to 154739. SORGHUM VULGARE Pers.

Head selections of Kavirondo sorghum grown at Kawanda.

154736. No. 469-A.

154738. No. 469-C.

154737. No. 469-B.

154739. No. 469-D.

154733 to 154875 -Continued

154740 to 154743. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

Head selections grown at Kawanda; from Mengo, Mengo District.

154740. No. 470-A.

154742. No. 470-C.

154741. No. 470-B.

154743. No. 470-D. Mixture.

154744. *SORGHUM*.

No. 471. *Sorghum verticilliflorum* × *Sorghum*. Kawanda, Mengo District.

154745. *CLEISTACHNE SORGHOIDES* Benth. Poaceae.

No. 472. Kireku, Mengo District.

154746 to 154788. *SORGHUM* spp. Poaceae.

154746. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 473. Kaliro, Busoga District.

154747 to 154767. *SORGHUM VULGARE* Pers.

154747 to 154749. From Kawanda, Mengo District.

154747. No. 474. *Namatera*.

154748. No. 475. *Kayini*.

154749. No. 476. *Namata White*.

154750. No. 477. *Serere*.

154751. No. 478. *Serere*.

154752. No. 479. *Njabala*. Near Namataba, Mengo District.

154753. No. 480. *Arua*, West Nile District.

154754. No. 481. *Kainja*. Near Nakifuma, Mengo District.

154755. No. 482. *Mboge*. Near Kireku, Mengo District.

154756. No. 483. *Nabutwa*. Eastern Province.

154757. No. 484. *Imwa*. Near Nakifuma, Mengo District.

154758 to 154765. Near Kampala, Mengo District.

154758. No. 485. *Katwa*.

154759. No. 487. *Ndyabala*.

154760. No. 488. *Nakayura*.

154761. No. 489. *Muwebu Mughanda*.

154762. No. 490. *Kakira Kambogo*.

154763. No. 491. *Kabutuwa*.

154764. No. 492. *Nakobo Butua*.

154765. No. 493. *Namentera*.

154766. No. 494. Fort Portal, Toro District.

154767. No. 495. *Muganda 1 and 2*. Kampala, Mengo District.

154768. *SORGHUM RIGIDIFOLIUM* Stapf.

No. 496. Near Masaka, Masaka District.

154769 and 154770. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

154769. No. 497. Near Kabula, Masaka District.

154770. No. 498. Near Kabula, Masaka District.

154771 to 154788. *SORGHUM VULGARE* Pers.

154771. No. 499. *Kabuoy*. Collected 16 miles from Masaka, Masaka District.

154733 to 154875—Continued

154772. No. 449-A. (No notes.)
154773. No. 500. *Kikondo*. Near Kareru, but originally from Congo.
- 154774 to 154777. Near Mbarara, Ankole District.
154774. No. 501. *Mayongo*.
154775. No. 501-A. *Mayongo*.
154776. No. 502. *Esaka*.
154777. No. 503. *Kazazamire*.
154778. No. 504. Near Namahera, Ankole District.
- 154779 to 154784. Near Kabale, Kigezi District.
154779. No. 505. *Amagune*. 154782. No. 508. *Mabera*.
154780. No. 506. *Buhuli*. 154783. No. 509. *Kyatanombi*.
154781. No. 507. *Rwakayanga*. 154784. No. 510. *Ruhago*.
154785. No. 511. Near Mwirasandu, Ankole District.
154786. No. 512. *Hidamira*. Near Lubale, Kigezi District.
154787. No. 513. Near Ibale, Kigezi District.
154788. No. 514. Near Lutoto, Kigezi District.
154789. *ERIANTHUS FLAVESCENS* K. Schum. Poaceae.
- No. 516. Near Lwasamaire, Ankole District.
- 154790 to 154797. *SORGHUM VULGARE* Pers. Poaceae.
154790. No. 517. *Nkumba*. Near Katara, Ankole District.
154791. No. 518. *Ruhuku*. Near Katara, Ankole District.
- 154792 to 154797. Near Fort Portal, Toro District.
154792. No. 519. *Mpwere*. 154795. No. 521. *Nkumbi*.
154793. No. 519 A. *Mpwere*. 154796. No. 522. *Nkumba*.
154794. No. 520. *Kabwaga*. 154797. No. 523. *Mugusa White*.
154798. *SORGHUM*.
- No. 524. From market near Fort Portal, Toro District. A hybrid of *Sorghum verticilliflorum* (Steud.) Stapf.
- 154799 to 154827. *SORGHUM VULGARE* Pers.
- 154799 and 154800. Near Fort Portal, Toro District.
154799. No. 527. *Mugusta*.
154800. No. 528. *Wenabu*.
- 154801 to 154805. Near Kyanjojo, Toro District.
154801. No. 530. *Kamama*.
154802. No. 531. *Katuwenge*. Much stooling.
154803. No. 532. *Nziga*. Much stooling, shorter than No. 531.
154804. No. 533. *Nkumba*.
154805. No. 534. *Namatera*.
154806. No. 535. *Katuwenga*. Near Kagade, Mubende District.
- 154807 to 154809. Near Kabwoya, Bunyoro District.
154807. No. 536. *Mpengere*.
154808. No. 537. *Kajuwege*.

154733 to 154875—Continued

154809. No. 538. *Emara*.
154810. No. 539. *Bagundiya*. Near Bulindi, Bunyoro District.
- 154811 to 154814. Near Masindi, Muniyoro District.
154811. No. 540. *Ruwagani*. 154813. No. 542. *Kakira Kambogo*.
154812. No. 541. *Maza*. 154814. No. 543. *Nkumba*.
- 154815 to 154820. Near Atura, Lango District.
154815. No. 544. *Bel*. 154818. No. 545. *Niyng*.
154816. No. 544 A. *Bel*. 154819. No. 546. *Gaya*.
154817. No. 544 B. *Bel*. 154820. No. 546 A. *Gaya*.
154821. No. 547. Said to be from the Congo.
154822. No. 548. Said to be from the Congo.
- 154823 to 154826. Near Gulu, Gulu District.
154823. No. 549. *Lalube*. 154825. No. 650. *Lasekado*.
154824. No. 649. *Lawera*. 154826. No. 651. *Kabil*.
154827. No. 652. *Kabil*. From near Acholibur, Chua District.
154828. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
- No. 653. From 10 miles south of Kazinga Channel, Ankole District.
154829. *SORGHUM*.
- No. 654. From 10 miles south of Kazinga Channel, Ankole District.
154830. *CLEISTACHNE SORGHODES* Benth. Poaceae.
- No. 655. From 10 miles south of Kazinga Channel, Ankole District.
- 154831 and 154832. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
154831. No. 656. Near Hoima, Bunyoro District.
154832. No. 657. Near Hoima, Bunyoro District.
- 154833 to 154838. *SORGHUM*.
154833. No. 658. Near Masindi, Muniyoro District.
154834. No. 659. Near Masindi, Muniyoro District.
154835. No. 660. Near Gulu, Gulu District.
154836. No. 661. Near Gulu, Gulu District.
154837. No. 662. *Otiriwini*. Near Kitgum, Chua District.
154838. No. 663. *Otiriwini*. Near Kitgum, Chua District. Larger seeds than those of No. 662.
154839. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
- No. 664. North of Lira, Lango District.
154840. *SORGHUM*.
- No. 665. Market at Kitgum, Chua District. Probably *Sorghum vulgare* × *verticilliflorum*.
- 154841 to 154864. *SORGHUM VULGARE* Pers.
154841. No. 666. *Kibiwe*. From the market at Kitgum, Chua District.
154842. No. 667. Mixture found with No. 666.
154843. No. 668. *Kabiri*. From near Madi Opei, Chua District.
154844. No. 669. *Lwera*. From Agoro, Chua District.
154845. No. 670. *Gaya*. From Agoro, Chua District.

154733 to 154875—Continued

154846. No. 671. *Kabiri*. Paluga Market, Chua District.

154847 to 154851. From 19 miles north of Lira, Lango District.

154847. No. 672. *Awera*. 154850. No. 675. *Bewi*.

154848. No. 673. *Mambaleo*. 154851. No. 676. *Amira*.

154849. No. 674. *Aibgo*.

154852. No. 677. *Awera*. From near Bar, Lango District.

154853. No. 678. *Nyarawanga*. From near Bar, Lango District.

154854. No. 679. From between Lira and Orungo, Lango District.

154855. No. 680. *Sango*. From between Lira and Orungo, Lango District.

154856. No. 681. *Kamabesemu*. Near Tororo, Budama District. Tall, much stooling.

154857. No. 682. *Imwa*. Near Tororo, Budama District.

154858 to 154863. From Kenya, east of Budia, Uganda.

154858. No. 683. *Okumbari*. 154861. No. 686. *Namajumu*.

154859. No. 684. *Obunde*. 154862. No. 687. *Nakaroli*.

154860. No. 685. *Osiyiye*. 154863. No. 688. *Amabere*.

154864. No. 689. *Loro*. From near Mumias, Kenya.

154865. *SORGHUM RIGIDIFOLIUM* Stapf.

No. 690. From near Toro, Budama District.

154866. *SORGHUM VULGARE* Pers.

No. 691. Near Mumias, Kenya.

154867. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 692. Near Sundo, Kenya.

154868 to 154875. *SORGHUM VULGARE* Pers.

154868. No. 693. *Miamba*. Market at Sundo, Kenya.

154869. No. 694. *Nakagede*. Near Sundo, Kenya.

154870. No. 694 A. (No notes.)

154871. No. 695. *Ngomba*. Kisumu, Kenya.

154872 to 154875. Collected 11 miles from Kisumu, Kenya.

154872. No. 696. *Kisubi*. 154874. No. 698. *Kisudi*.

154873. No. 697. *Ngumba*. 154875. No. 699. *Riwonyuwa*.

154876 to 154878. *CHLORIS GAYANA* Kunth. Poaceae. **Rhodes grass.**

From Kenya. Seeds presented by D. C. Edwards, Senior Agricultural Officer, Department of Agriculture, Nairobi. Received May 13, 1946.

154876. *Alego Ecotype*.

154877. *Kabete Ecotype*.

154878. *Nzoia Ecotype*.

154879 to 154883.

From Uruguay. Seeds presented by Bernardo Rosengurt, Monzon-Heber, Estación Juan Jackson. Received May 7, 1946.

154879 and 154880. *PASPALUM NOTATUM* Fluegge. Poaceae.

Bahia grass.

154879. Bañado Medina, Cerro Largo.

154880. Naturalized at Monzon-Heber.

154879 to 154883—Continued**154881.** *POA BONARIENSIS* (Lam.) Kunth. Poaceae.

A mixture of several wild Uruguayan varieties.

154882. *POA IRIDIFOLIA* Haumanl.

A stout perennial grass that forms dense tufts 2 feet across and 3 feet high. Native to the Sierra de la Ventana, Argentina.

154883. *POA LANIGERA* Nees. Poaceae.

A mixture of several wild Uruguayan varieties.

154884 to 154887.

From India. Seeds presented by Mrs. P. Kihli, Baramula, Kashmir. Received May 13, 1946.

154884. *POLYGONUM AFFINE* D. Don. Polygonaceae.**154885.** *POTENTILLA ARGYROPHYLLA* Wall. Rosaceae.**154886.** *POTENTILLA NEPALENSIS* Hook.**154887.** *POTENTILLA NIVEA* L.**154888 to 154892.**

From Argentina. Seeds presented by Lucas A. Tortorelli, Director of Forestry, Buenos Aires. Received May 15, 1946.

154888. *CAESALPINIA MELANOCARPA* Griseb. Caesalpiniaceae.

From the Chaco Region.

154889. *CEDRELA FISSILIS* var. *MACROCARPA* C. DC. Meliaceae.

From the Territory of Misiones.

154890. *PROSOPIS ALBA* Griseb. Mimosaceae.

From the Province of Santiago del Estero.

154891. *PROSOPIS NIGRA* Hieron.

From the Province of Santiago del Estero.

154892. *PROSOPIS* sp.

From the Province of Entre Rios.

154893. *OCHROMA LAGOPUS* Swartz. Bombacaceae. **Balsa.**

From the Canal Zone. Seeds presented by W. R. Lindsay, Canal Zone Experimental Gardens, Summit. Received May 13, 1946.

154894. *BRUNFELSIA NITIDA* Benth. Solanaceae.

From Mexico. Seeds presented by Norberto Grohmann, Finca Mirador, Huatusco, Veracruz. Received May 23, 1946.

154895 to 154998. *SORGHUM VULGARE* Pers. Poaceae.

From Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 3, 1946.

Collected in January and February, 1946.

154895 to 154977. From Uganda.**154895.** No. 474A. *Namatera*. Kawanda, Mengo District.**154896.** No. 475A. *Kayini*. Kawanda, Mengo District.**154897.** No. 494A. Fort Portal, Toro District.**154898.** No. 495A. Near Kampala, Mengo District.**154899 to 154977.** Presented by the Serere Agricultural Experiment Station, Uganda.

154895 to 154998—Continued

154899 to 154910. Matheniko, Karamoja District.

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| 154899. No. 550. <i>J1 Kari.</i> | 154905. No. 556. <i>J8 Ilemureng.</i> |
| 154900. No. 551. <i>J3 Natam.</i> | 154906. No. 557. <i>J9 Napetanyang.</i> |
| 154901. No. 552. <i>J4 Ikabulu.</i> | 154907. No. 558. <i>J11 Nakoda.</i> |
| 154902. No. 553. <i>J5 Lokipi.</i> | 154908. No. 559. <i>J12 Tanyabong.</i> |
| 154903. No. 554. <i>J6 Lokur.</i> | 154909. No. 560. <i>J13 Lokoulelemit.</i> |
| 154904. No. 555. <i>J7 Lokathirimu.</i> | 154910. No. 561. <i>J14 Kothepai.</i> |

154911 to 154919. Pian, Karamoja District.

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| 154911. No. 562. <i>J15 Lokathapanak.</i> | 154916. No. 567. <i>J28 Adeti.</i> |
| 154912. No. 563. <i>J16 Lwakwangai.</i> | 154917. No. 568. <i>J29 Nateriguni.</i> |
| 154913. No. 564. <i>J22 Ilimukwang.</i> | 154918. No. 569. <i>J20 Chale.</i> |
| 154914. No. 565. <i>J23 Akordoring.</i> | 154919. No. 570. <i>J31 Lopukulungoi.</i> |
| 154915. No. 566. <i>J27 Opogu.</i> | |

154920 to 154922. Jie, Karamoja District.

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| 154920. No. 571. <i>J32 Ategeri.</i> |
| 154921. No. 572. <i>J35 Ngalekori.</i> |
| 154922. No. 573. <i>J38 Labinyo.</i> |

154923 to 154929. Bokoro, Karamoja District.

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| 154923. No. 574. <i>J49 Loyakou.</i> | 154927. No. 578. <i>J54 Euyanga.</i> |
| 154924. No. 575. <i>J51 Arikoto.</i> | 154928. No. 579. <i>J55 Emugeot.</i> |
| 154925. No. 576. <i>J52 Esipo.</i> | 154929. No. 580. <i>J56 Akouangok.</i> |
| 154926. No. 577. <i>J53 Napetoget.</i> | |

154930 to 154934. Moroto, Karamoja District.

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| 154930. No. 581. <i>J57 Lokur.</i> | 154933. No. 584. <i>J60 Akathit.</i> |
| 154931. No. 582. <i>J58 Elinmkwang</i> | 154934. No. 585. <i>J62 Echalio.</i> |
| 154932. No. 583. <i>J59 Edapal.</i> | |

154935. No. 586. *J65 Chemrio.* Suk, Karamoja District.154936. No. 587. *J66 Auvareng.* Suk, Karamoja District.

154937 to 154947. Lango District.

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| 154937. No. 588. <i>L1 Oryemo-Aterah, Pur-toti.</i> | 154943. No. 594. <i>L28 Lawere.</i> |
| 154938. No. 589. <i>L10 Amira Aboco.</i> | 154944. No. 595. <i>L31 Emiroit.</i> |
| 154939. No. 590. <i>L17 Olwa.</i> | 154945. No. 596. <i>L33 Enyang.</i> |
| 154940. No. 591. <i>L19 Arut.</i> | 154946. No. 597. <i>L36 Edede.</i> |
| 154941. No. 592. <i>L20 Niang.</i> | 154947. No. 598. <i>L39 Eliyokokan.</i> |
| 154942. No. 593. <i>L26 Lagreng.</i> | |

154948 to 154957. Usuku Sasa, Teso District.

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| 154948. No. 599. <i>T1 Egaata.</i> | 154951. No. 602. <i>T11 Ekonokamu.</i> |
| 154949. No. 600. <i>T8 Etiri.</i> | |
| 154950. No. 601. <i>T9 Aurien.</i> | 154952. No. 603. <i>T15 Kiyirima.</i> |

154895 to 154998—Continued

154953. No. 604. *T16 Elemurenge*. 154956. No. 607. *T22 Elkomoto*.
 154954. No. 605. *T18 Ekwakoit*. 154957. No. 608. *T27 Aurien*,
 154955. No. 606. *T21 Ekutukoiti*. *Euriyeni*.
 154958. No. 609. *T29 Okiuet*. Bryondo, Teso District.
 154959 to 154961. Bunyoro District.
 154959. No. 610. *M1 Niang-ocwine*.
 154960. No. 611. *M3 Bluko-mon*.
 154961. No. 612. *M4 Nyarawanga*.
 154962. No. 613. *V3 Nakyeru*. Bugwere District.
 154963. No. 614. *D1 Omubere*. Budama District.
 154964. No. 615. *D3 Namukidi*. Budama District.
 154965. No. 616. *H4 Nabuyenge*. Bugishu District.
 154966. No. 617. *H5 Gemugu*. Bugishu District.
 154967 to 154973. Busogo District.
 154967. No. 618. *A1 Kamuli*.
 154968. No. 619. *A2 Bulopa*.
 154969. No. 620. *A3 Nkumba*. Basambatia.
 154970. No. 621. *A4 Nkotamye*. Naigobya.
 154971. No. 622. *A5 Nakanyolo*. Naigobya.
 154972. No. 623. *A6 Sagasaga*. Naigobya.
 154973. No. 624. *A7 Wesansumule*. Busambatia.
 154974. No. 625. *Kabi*.
 154975. No. 626. *Kwanda*.
 154976. No. 627. *Ongera 1*.
 154977. No. 628. *Ongera 2*.
 154978 to 154981. Originally from Kenya. Presented by the Serere Agricultural Experimental Station, Uganda.
 154978. No. 629. *K6*. 154980. No. 631. *Wheatland*.
 154979. No. 630. *K8*. 154981. No. 632. *Sakawa*.
 154982 to 154986. Originally from Tanganyika. Presented by the Serere Agricultural Experiment Station, Uganda.
 154982. No. 633. *G3 Nyawawa*. 154985. No. 636. *T15*.
 154983. No. 634. *G4 No. 92*. 154986. No. 637. *T7*.
 154984. No. 635. *G7*.
 154987 to 154991. Originally from Swaziland. Presented by the Serere Agricultural Experiment Station, Uganda.
 154987. No. 638. *S. A. 1*. 154990. No. 641. *P 127 (S. A. 5.)*
 154988. No. 639. *S. A. 2*. 154991. No. 642. *P 133 (S. A. 6.)*
 154989. No. 640. *P 41*.
 154992 and 154993. Probably originating in the United States.
 154992. No. 643. *Dwarf White Milo*.
 154993. No. 644. *Feterita Dwarf*.
 154994. No. 645. *N1*. Nigeria.

154895 to 154998—Continued

154995 to 154997. Originally received from the United States under the names listed.

154995. No. 646. *E4. Leoti Red.*

154996. No. 647. *E5. Early Sumac.*

154997. No. 648. *E6. Kansas Orange.*

154998. No. 693A. *Miamba.* From the market, Sundo, Kenya. February 6.

154999. CALOPOGONIUM MUCUNOIDES Desv. Fabaceae.

From the Philippine Islands. Seeds presented by Glenn Briggs, Agricultural Research Administration, United States Department of Agriculture. Received May 21, 1946.

155000. SESBANIA BISPINOSA (Jacq.) W. F. Wight. Fabaceae.

From India. Seeds presented by Mahan Lal, Forest Officer, Watni District, Punjab. Received May 6, 1946.

155001 to 155044.

From Brazil. Seeds presented by J. R. Swallen, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 4, 1946.

155001. ANDROPOGON TENER Kunth. Poaceae.

No. 29. *Mimosa.* The most important forage grass in Paraná.

155002. AXONOPUS sp. Poaceae.

No. 26. From Guarapuava, Paraná.

155003. PASPALUM NICORAE Parodi. Poaceae.

No. 3. From Lages, Santa Catarina.

155004. BRIZA UNIOLAE (Nees) Steud. Poaceae.

No. 7. From Lages, Santa Catarina.

155005. BRIZA sp.

No. 8. From Rio Cacador, Santa Catarina.

155006 and 155007. BROMUS spp. Poaceae.

155006. BROMUS sp.

No. 5. From Lages, Santa Catarina.

155007. BROMUS sp.

No. 9. From Rio Cacador, Santa Catarina.

155008. ELEUSINE TRISTACHYA Lam. Poaceae.

No. 36. From Bagé, Rio Grande do Sul.

155009 and 155010. CHLORIS ARGENTINA (Hack.) Lillo & Parodi. Poaceae.

155009. No. 32. From Bagé, Rio Grande do Sul.

155010. No. 34. From Bagé, Rio Grande do Sul.

155011. CHLORIS sp.

No. 35. From Bagé, Rio Grande do Sul.

155012. ERAGROSTIS POLYTRICHA Nees. Poaceae.

No. 14. From Ponta Grossa, Paraná.

155013. ERAGROSTIS sp.

No. 18. From Ponta Grossa, Paraná.

155014. ERAGROSTIS POLYTRICHA Nees.

No. 19. From Ponta Grossa, Paraná.

155001 to 155044—Continued

155015. *PANICUM OLYROIDES* H. B. K. Poaceae.

No. 21. From Ponta Grossa, Paraná.

155016. *PANICUM REPANDUM* Nees.

No. 12. From Ponta Grossa, Paraná.

155017 to 155039. *PASPALUM* spp. Poaceae.

155017. *PASPALUM* sp.

No. 1. From Estação Experimental, Passo Fundo, Rio Grande do Sul.

155018. *PASPALUM* sp.

No. 2. From Passo Fundo, Rio Grande do Sul.

155019. *PASPALUM* sp.

No. 4. From Lages, Santa Catarina.

155020. *PASPALUM HYALINUM* Trin.

No. 10. From Ponta Grossa, Paraná.

155021. *PASPALUM PLICATULUM* Michx.

No. 11. From Ponta Grossa, Paraná.

155022. *PASPALUM PANICULATUM* L.

No. 13. From Ponta Grossa, Paraná.

155023 to 155025. *PASPALUM ROJASII* Hack.

From Ponta Grossa, Paraná.

155023. No. 15.

155024. No. 16.

155025. No. 17.

155026. *PASPALUM PLICATULUM* Michx.

No. 22. From Ponta Grossa, Paraná.

155027. *PASPALUM* sp.

No. 23. From Guarapuava, Paraná.

155028. *PASPALUM* sp.

No. 24. From Guarapuava, Paraná.

155029. *PASPALUM MACULOSUM* Trin.

No. 25. From Guarapuava, Paraná.

155030. *PASPALUM NICORAE* Parodi.

No. 28. From Bage, Rio Grande do Sul.

155031. *PASPALUM QUADRIFARIUM* Lam.

No. 30. From Bage, Rio Grande do Sul.

155032 to 155037. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

From Rio Grande do Sul.

155032. No. 33. From Boge.

155033. No. 37. From Boge.

155034. No. 39. From Dom Pedrito.

155035. No. 40. From Pelotas.

155036. No. 44. From Santa Victoria.

155037. No. 45. From Camaquã.

155001 to 155044—Continued

155038. *PASPALUM* sp.

No. 38. From São Angelo, Rio Grande do Sul.

155039. *PASPALUM* sp.

No. 41. Pelotas, Rio Grande do Sul.

155040. *PIPTOCHAETIUM MONTEVIDENSE* (Spreng.) Parodi. Poaceae.

No. 6. From Lages, Santa Catarina.

155041. *SORGHASTRUM SETOSUM* (Griseb.) Hitchc. Poaceae.

No. 31. From Porto Alegre, Rio Grande do Sul.

155042. *SPOROBOLUS* sp. Poaceae.

No. 43. From Pelotas, Rio Grande do Sul.

155043. *TRACHYPOGON* sp. Poaceae.

No. 20. From Ponta Grossa, Paraná.

155044. *TRIODIA BRASILIENSIS* (Nees) Lindm. Poaceae.

No. 42. From Pelotas, Rio Grande do Sul.

155045. *ANNONA PURPUREA* Moc. & Sessé. Annonaceae.

From Guatemala. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in June 1946.

Originally collected by Dr. David Fairchild (No. 3108) from the market, Esquintla, Sept. 29, 1944. *Soncoya*. Fruits very large, weighing about 3 pounds, globular, brown, with bright-yellow flesh.155046 and 155047. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero, La Estanzuela, Departamento de Colonia. Received June 5, 1946.

155046. *Indio I. E.* 45.155047. 28-204 *L. E.* 26.155048. *SAMANEA SAMAN* (Jacq.) Merrill. Mimosaceae.

From Jamaica. Seeds presented by the Department of Commerce and Industries, Kingston. Received June 6, 1946.

155049. *PASPALUM NOTATUM* Fluegge. Poaceae.

Bahia grass.

From Uruguay. Seeds presented by Bernardo Rosengurt, Campo Experimental de Pastos, Estación Alejandro Gallinal, Florida. Received May 31, 1946.

From the Department of Minas.

155050 to 155053. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero, La Estanzuela, Departamento de Colonia. Received June 7, 1946.

155050. *Americano Chico L. E.* 14.155052. *Spanish No. 0844 L. E. No.* 29.155051. *Small Spanish L. E.* 36.155053. *Turkestan L. E.* 28.155054 to 155056. *GOSSYPIMUM*. Malvaceae.

Cotton.

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Director da Divisão de Experimentação e Pesquisas, Instituto Agronômico, Campinas, São Paulo. Received June 7, 1946.

155054. *Delfos 40/136*.155055. *Delfos 40/137*.155056. *I. A. Campinas 38/1709*.

155057. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Australia. Seeds presented by W. L. Waterhouse, University of Sydney, Sydney, New South Wales. Received June 11, 1946.

Ghaka.

155058. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Argentina. Seeds presented by Enrique C. Clos, División de Exploraciones e Introducción de Plantas, Ministerio de Agricultura, Buenos Aires. Received May 31, 1946.

From Avia Terai, Territory of Chaco.

155059 to 155073.

From Japan. Seeds presented by S. Kumazawa, Director of the Imperial Horticultural Experiment Station, Ninomiya, Kanagawa. Received June 6, 1946.

155059 to 155064. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. Cabbage.

155059. *Iwate.* Medium-sized flat heads.

155060. *Nakano-wase.* Early, small flat heads.

155061. *Nozaki-gokuwase.* Short growing season.

155062. *Sadaya-bansei.* Large heads produced early when seeded in fall.

155063. *Senshu.* Flat heads with a tinge of red.

155064. *Toyoda-sakigake.* Short growing season.

155065 to 155070. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

155065. *Kasagi-sanjaku.* Summer variety.

155066. *Magome.* Spring variety.

155067. *Ochiai.* Spring variety.

155068. *Risyu.* Summer variety.

155069. *Suyo.* Summer variety.

155070. *Taiwan-kema.* Summer variety.

155071 to 155073. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.

155071. *Bizen-chirimen.* Fruits flat; skin warty, rich green, becoming creamy yellow when mature. Late ripening.

155072. *Higata.* Fruit round, flat, and uniform; skin rich dark green. Flesh of sweetly viscous taste. Early ripening.

155073. *Kiji.* Fruits flat, ribbed; skin slightly warted, green turning to brownish yellow when mature. Early ripening.

155074. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Argentina. Seeds presented by Enrique C. Clos, División de Exploraciones e Introducción de Plantas, Ministerio de Agricultura, Buenos Aires. Received June 4, 1946.

Ricino, Tártago Sanguineo.

155075. CARICA MONOICA Desf. Papayaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental de Agrícola, Tingo Maria. Received June 6, 1946.

TM 110. Holloco. Grown as a vegetable. The leaves, which are cooked as greens, have no bitterness. The fruits, boiled with sugar and a little lime, resemble apricots in flavor.

155076. CHENOPodium QUINOA Willd. Chenopodiaceae. Quinoa.

From Peru. Seeds presented by S. C. Harland, Institute of Cotton Genetics, Lima. Received May 15, 1946.

Collected near Temuco, Chile.

155077. CITROPSIS GILLETIANA Swing. & M. Kell. Rutaceae.

From the Belgian Congo. Seeds presented by the New York Botanical Garden.
Received June 21, 1946.

Collected by L. G. Brass, under his No. 16022, May 17, 1946, on the Vernay Nyasaland Expedition. From the Cadulac Agricultural School for Natives, Kisanu, where Frère Gillet had planted the tree in the Jardin d'Essais de la Mission.

155078 to 155086.

From the Union of South Africa. Seeds presented by C. J. J. van Rensburg.
Director, Rietondale Pasture Research Station, Pretoria. Received June 7, 1946.

155078. DIGITARIA SWAZILANDENSIS Stent. Poaceae.

No. 4. Originally from the Middle Veld.

155079 and 155080. PANICUM LAEVIFOLIUM Hack. Poaceae.

155079. No. 3. *Buffelgras. Olifants River Strain.*

155080. No. 1. *Buffelgras. Rhodesian Strain.*

155081. PANICUM sp.

No. 5. *Kavorondo Gulf Strain.* Originally from Lake Victoria, Uganda.

155082. PANICUM sp.

No. 7. *Nanyuki Strain.* Originally from edge of the Turkana Desert.

155083 and 155084. PENNISETUM CILIARE (L.) Link. Poaceae.

155083. No. 6. Originally from edge of the Kalahari Desert.

155084. No. 8. *Equator Strain.* Originally from British East Africa.

155085. SETARIA sp. Poaceae.

No. 9. *Kazangula.* Originally from the junction of the Chobi and Zambezi Rivers.

155086. UROCHLOA PULLULANS Stapf. Poaceae.

No. 2. *Pululands. Rust-der-Winter Strain.*

155087 to 155102. HORDEUM spp. Poaceae.**Barley.**

From Japan. Seeds presented by Maj. Warren H. Leonard, United States Army.
Received June 12, 1946.

Collected from the Aizu Branch Station, Fukushima Prefectural Experiment Station, Bange Village, Fukushima Prefecture.

155087. HORDEUM sp.

No. 1.

155088. HORDEUM sp.

Aizu No. 2.

155089. HORDEUM sp.

Aizu No. 3.

155090. HORDEUM sp.

Aizu No. 4.

155091. HORDEUM sp.

Aizu No. 5.

155092. HORDEUM sp.

No. 7.

155093. HORDEUM sp.

155087 to 155102—Continued

Saitama No. 1.

155094. HORDEUM sp.

Sekitori No. 1.

155095. HORDEUM sp.

Kabinkatagi No. 1.

155096. HORDEUM sp.

Tanikaze No. 2.

155097. HORDEUM sp.

Aizu No. 6.

155098. HORDEUM sp.

Baitori No. 10.

155099. HORDEUM sp.

Akesinriki.

155100. HORDEUM sp.

Siromuzi.

155101. HORDEUM sp.

Wase-hadaka.

155102. HORDEUM sp.

Yokzuna.

155103 and 155104. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Departamento de Colonia. Received June 11, 1946.

155103. Collected in Colonia.

155104. From Pasto Horqueta.

155105. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Campo Experimental de Pastos, Estancia Rincón de Santa Elena, Estación Alejandro Gallinal. Received June 6, 1946.

From Rio Santa Lucia.

155106. GOSSYPIUM. Malvaceae.

Cotton.

From Greece. Seeds presented by Mathon Kyritsis, Waukeegan, Ill. Received June 26, 1946.

From the Island of Milos.

155107 and 155108. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Departamento de Colonia. Received June 26, 1946.

155107. L. E. 39. Aceitero Federación.

155108. L. E. 41. Colorado; Tacuarembó.

155109. PISUM SATIVUM L. Fabaceae.

Pea.

From Rhode Island. Seeds presented by A. H. Easton, Newport. Received June 26, 1946.

Parent seeds said to have come from King Tutankhamen's Tomb, Egypt. Pods purplish, seeds rust colored to reddish brown, four to six in a pod.

155110 to 155113. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by the Facultad de Agronomía, Catedra de Agricultura, Montevideo. Received June 27, 1946.

155110. *Africano Rastrero.*155112. *Asiatico-Colorado Comestible.*155111. *Blanca Chica Aceitera.*155113. *Asiatico-Morado Grande.***155114. GOSSYPIUM. Malvaceae.****Cotton.**

From Peru. Seeds presented by S. C. Harland, Director, Sociedad Nacional Agraria, Instituto de Genética del Algodón, Lima. Received June 27, 1946.

*Tanguis.***155115 to 155117. SACCHARUM SPONTANEUM L. Poaceae.**

From Tanganyika. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 28, 1946.

Collected in Tukuyu.

155115. No. 1407.

155116. No. 1408.

155117. No. 1419.

155118. SOLANUM QUITOENSE Lam. Solanaceae.**Naranjilla.**

From Ecuador. Seeds presented by Eilif Miller, Estación Experimental Agrícola del Ecuador, Quito. Received June 11, 1946.

155119 to 155125. TRITICUM DURUM Desf. Poaceae. Durum wheat.

From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 9, 1946.

155119. *Caesium 0111 No. 22233.* From Omsk Station.155120. *Ersf. 0341 No. 11370.* From Saratov Station.155121. *Hordup 0189 No. 21966.* From Krasnokutsk Station, Saratov.155122. *Lutescens 062 No. 22389.* From Saratov Station.155123. *Lutescens 0459 No. 231129.* From Omsk Station.155124. *Melanopus 069 No. 21965.* Krasnokutsk Station, Saratov.155125. *Milturum 0321 No. 22236.* From Omsk Station.**155126 to 155150. SORGHUM spp. Poaceae.**

From Northern Rhodesia and Arabia. Seeds presented by the Royal Botanic Gardens, Kew, Surrey, England. Received July 9, 1946.

Unless otherwise mentioned, material was obtained from Northern Rhodesia.

155126 to 155128. SORGHUM CAUDATUM (Hack.) Stapf.155126. *Ghirba.* Lower Yafa, Aden Protectorate, Arabia.155127. *Seif.* Lower Yafa, Aden Protectorate, Arabia.155128. *Soum.* Dhala, Aden Protectorate, Arabia.**155129 to 155134. SORGHUM CORLACEUM Snowden.**

From the Ndola District.

155129. *Chilunda No. 4-15.* 155132. *Intubetube No. 9.*155130. *Chimfungue No. 10.*155133. *Kalapila No. 7.*155131. *Chipapa No. 11.*155134. *Misenga No. 17.*

155126 to 155150—Continued

- 155135 to 155138. *SORGHUM CORIACEUM* var. *SUBINVOLUTUM* Snowden.
From the Ndola District.
155135. *Kalipike* No. 4. 155137. *Chipe* No. 6.
155136. *Pande* No. 5. 155138. *Chitwanusunga* No. 8.
- 155139 to 155141. *SORGHUM CONSPICUUM* var. *PILOSUM* Snowden.
From the Ndola District.
155139. *Chimamba* No. 2.
155140. *Chitawamusunga* No. 3.
155141. *Pande* No. 1.
155142. *SORGHUM MEMBRANACEUM* Chiov.
Haba No. 3. Lower Yafa, Aden Protectorate, Arabia.
155143. *SORGHUM SUBGLABRESCENS* (Steud.) Schweinf. & Aschers.
Somi No. 6. Dhala, Aden Protectorate, Arabia.
- 155144 to 155149. *SORGHUM VULGARE* Pers.
155144 to 155147. Ndola District.
155144. *Chipe* No. 16. 155146. *Chitongola Caffrorum*.
155145. *Misenga Albofuscum* No. 13. 155147. *Mpakamumo Caffrorum*.
155148. *Misrah Durra*. Dhala, Aden Protectorate, Arabia.
155149. *Dhurra* No. 7. Dhala, Aden Protectorate, Arabia.
155150. *SORGHUM*.
Hybrid Seif. Lower Yafa, Aden Protectorate, Arabia.
155151. *LUPINUS LUTEUS* L. Fabaceae. **European yellow lupine.**
From Germany. Seeds obtained through W. H. Youngman, Food and Agriculture Organization, Berlin. Received May 9, 1946.
155152. *TRICHOSANTHES ANGUINA* L. Cucurbitaceae. **Guadua-bean.**
From Australia. Seeds presented by the Department of Agriculture and Stock, Rockhampton, Queensland. Received Jan. 10, 1946. Numbered in July 1946.
155153. *MISCANTHIDIUM* sp. Poaceae.
From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 8, 1946.
From 8 miles south of Choma.
- 155154 and 155155. *HELIANTHUS ANNUUS* L. Asteraceae.
Sunflower.
From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received June 27, 1946.
155154. *C. I. L. P.* 808.
155155. *D. E. I. P.* 3374 *Girasol*. Collected 8 km. from Mendoza.
155156. *ARACHIS HYPOGAEA* L. Fabaceae. **Common peanut.**
From India. Seeds presented by the Oil Seed Specialist, Agricultural Research Institute, Coimbatore. Received July 15, 1946.
Gigantea Patel.
155157. *SACCHARUM*. Poaceae. **Sugarcane.**
From Kenya. Cuttings presented by the American Consulate General, Nairobi. Received June 25, 1946.

155158. PASPALUM NOTATUM Fluegge. Poaceae. **Bahia grass.**

From Brazil. Seeds presented by Jorge G. Felizardo, Secretaria da Agricultura, Industria e Comercio, Porto Alegre, Rio Grande do Sul. Received July 1, 1946.

155159. ZOYSIA MATRELLA (L.) Merr. Poaceae. **Manila grass.**

From Puerto Rico. Seeds presented by the Agricultural Experiment Station, Mayaguez. Received July 23, 1946.

155160 to 155205. SORGHUM spp. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 10, 1946.

155160 to 155162. SORGHUM VULGARE Pers.

155160. No. 693. *Miamba, Mamba.* From Sundo.

155161. No. 713. *Mohair.* Near Nairobi.

155162. No. 713-A. *Mohair.* Near Nairobi.

155163. SORGHUM VERTICILLIFLORUM (Steud.) Stapf.

No. 714. Near Nairobi.

155164 to 155166. SORGHUM VULGARE Pers.

155164. No. 715. *Mubiya 1.* Machokos.

155165. No. 716. *Mubiya 2.* Machokos, agricultural field.

155166. No. 717. *Morita.* Near Thika.

155167. SORGHUM VERTICILLIFLORUM (Steud.) Stapf.

No. 718. Near Thika.

155168 to 155205. SORGHUM VULGARE Pers.

155168. No. 719. *Mohia.* Near Thika.

155169 to 155173. Near Sagana.

155169. No. 721. *Goma.*

155172. No. 724. *Kumba.*

155170. No. 722. *Funjo.*

155173. No. 725. *Mueya.*

155171. No. 723. *Orolo, Loro.*

155174 to 155178. Near Meru.

155174. No. 728. *Mukubu.*

155177. No. 731. *Muhia.*

155175. No. 729. *Muheya.*

155178. No. 732. *Mumera.*

155176. No. 730. *Muhia.*

155179 to 155184. Near Chuka.

155179. No. 733. *Muhia.*

155182. No. 736. *Muhia.*

155180. No. 734. *Muhia.*

155183. No. 737. *Muhia.*

155181. No. 735. *Muhia.*

155184. No. 738. *Muhia.*

155185 to 155187. Near Embu (12 miles north).

155185. No. 739. *Njahi.*

155186. No. 740. *Murunga.*

155187. No. 741. *Muheha.*

155188 to 155199. Teita Hills near Voi.

155188. No. 745. *Muemba,*
Mzekwa.

155194. No. 753. *Muemba.*

155189. No. 748. *Mzekwa 2.*

155195. No. 754. *Manganda.*

155190. No. 749. *Mzekwa 3.*

155196. No. 755. *Muzedu.*

155191. No. 750. *Ngombo 1.*

155197. No. 756. *Ngarare, Nzewka.*

155192. No. 751. *Ngombo 2.*

155198. No. 757. *Kittushu Kidula.*

155193. No. 752. *Muemba.*

155199. No. 758. *Manganda.*

155160 to 155205—Continued

155200 to 155204. Near Molu.

155200. No. 766A. *Mubeya*.155203. No. 770. *Mukoma*.155201. No. 766-B. *Mubeya*.155204. No. 771. *Muemba*.155202. No. 767. *Mukotume*.155205. No. 772. *Katenyano*. Market near Kitue.**155206 to 155213. PHASEOLUS spp. Fabaceae.**

From Paraguay. Seeds presented by Max Putzel, Food Supply Division, Office of Coordinator of American Affairs, Washington, D. C. Received July 16, 1946.

155206. *PHASEOLUS LUNATUS* L.

Lima bean.

155207 to 155213. *PHASEOLUS VULGARIS* L.

Common bean.

155207. No. 6.

155211. No. 13.

155208. No. 8.

155212. No. 15.

155209. No. 9.

155213. No. 14.

155210. No. 11.

155214 to 155218. FICUS spp. Moraceae.

From Cuba. Cuttings presented by F. G. Walsingham, Atkins Garden and Research Laboratory, Harvard University, Soledad, Cienfuegos. Received July 18, 1946.

155214. *FICUS COMBESII* Warb.

A tree about 20 feet high, with thick ovate or oblong leaves 5 to 7 inches long, and fruits about $\frac{1}{2}$ inch long.

155215. *FICUS LUCIDA* Ait.155216. *FICUS MEMBRANACEA* Wright.155217. *FICUS POPULOIDES* Warb.

A handsome tree, with ovate to roundish leaves 4 to 7 inches long, and small fruits $\frac{1}{2}$ inch in diameter.

155218. *FICUS SALICIFOLIA* Vahl.**155219 to 155222. ORYZA SATIVA L. Poaceae.**

Rice.

From the Belgian Congo. Seeds presented by F. Jurion, Director General, INEAC, Yangambi. Received July 19, 1946.

155219. *Rz* No. 1.155221. *Rz* No. 105155220. *Rz* No. 93.155222. *Rz* No. 111**155223 to 155241. SORGHUM VULGARE Pers.**

From the Anglo-Egyptian Sudan. Seeds presented by the Senior Economic Botanist, Department of Agriculture and Forests, Wad Medani. Received July 11, 1946.

155223. No. 324.

155233. No. 335.

155224. No. 325.

155234. No. 336.

155225. No. 326.

155235. No. 337.

155226. No. 327.

155236. No. 338.

155227. No. 329.

155237. No. 339.

155228. No. 330.

155238. No. 340.

155229. No. 331.

155239. No. 341.

155230. No. 332.

155240. No. 342.

155231. No. 333.

155241. No. 343.

155232. No. 334.

155242. STEPHANIA CEPHALANTHA Hayata. Menispermaceae.

From Japan. Roots presented by Tyozaburo Tanaka, Tokyo, through the Taihoku Imperial University, Horticultural Institute, Taiwan. Received July 12, 1946.

Tamasaki-Tsuzurafuji. A climbing shrub.

155243 to 155247. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

From Paraguay. Seeds presented by the Institute of Inter-American Affairs, Asunción. Received July 12, 1946.

155243. *Colorado*.

155244. Almond-colored.

155245. *Manduví Guaicurú*.

155246. *Negrito; Manduví Jhú-Á*.

155247. *Negro Grande; Manduví Jhú-guazu*.

155248 to 155255. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Turkey. Seeds obtained through the Bureau of Customs, United States Treasury Department. Received July 12, 1946.

155248. From Akhisar.

155252. No. 2. From Canik.

155249. No. 1. From Bofra.

155253. From Dere.

155250. No. 2. From Bofra.

155254. From Gavur.

155251. No. 1. From Canik.

155255. From Maden.

155256 to 155281. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Japan. Seeds collected by S. C. Salmon, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 11, 1946.

155256. *Asosan*. From Aso District.
Kumamoto. Winter wheat.

155269. *Norin No. 36*.

155257. *Asosan*. Aso District.
Kumamoto.

155270. *Norin No. 43*.

155258. *Esimasinriki*.

155271. *Norin No. 50*.

155259. *Norin No. 3*.

155272. *Norin No. 52*.

155260. *Norin No. 4*.

155273. *Norin No. 56*.

155261. *Norin No. 5*.

155274. *Norin No. 60*.

155262. *Norin No. 8*.

155275. *Norin No. 61*.

155263. *Norin No. 9*.

155276. *Norin No. 66*.

155264. *Norin No. 16*.

155277. *Norin No. 67*.

155265. *Norin No. 20*.

155278. *Sadaboze*.

155266. *Norin No. 26*.

155279. *Saitama No. 27*.

155267. *Norin No. 33*.

155280. *Shinchumaga*.

155268. *Norin No. 34*.

155281. *Sintyunanga*.

155282 to 155294. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received July 2, 1946.

155282. No. *EEM 177*. Figueroa, Santiago del Estero.

155283. No. *EEM 181*. Valle de Calingasta, San Juan.

155284. No. *EEM 182*. Trelew.

155285. No. *EEM 183*. Valle de Calchaqui.

155282 to 155294—Continued

155286. *No. EEM 195.* Córdoba.
 155287. *No. EEM 201.* San Juan.
 155288. *No. EEM 204.* Córdoba.
 155289. *No. EEM 335.* Mendoza.
 155290. *No. EEM 364.* Mendoza.
 155291. *No. EEM 366.* Mendoza.
 155292. *No. EEM 367.* Mendoza.
 155293. *No. EEM 1959.* San Luis.
 155294. *No. EEM 182, 183, 365.* (Mixed.)

155295 to 155318.

From Arabia. Seeds presented by H. B. Clark, American Consul, Aden. Received July 2, 1946.

From the State of Yemen.

155295. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
Ladyfinger.

155296 and 155297. *ALLIUM CEPA* L. Liliaceae. Onion.

155296. A red variety, originally from Turkey.

155297. Arabic green.

155298. *ANETHUM GRAVEOLENS* L. Apiaceae. Dill.

155299. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

Green, not hot.

155300. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.

155301. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.

155302. *DAUCUS CAROTA* L. Apiaceae. Carrot.

155303. *HORDEUM VULGARE* L. Poaceae. Barley.

155304. *LENS CULINARIS* Medik. Fabaceae. Lentil.

155305. *NIGELLA SATIVA* L. Ranunculaceae. Black cumin.

155306. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.

155307. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

155308. *PISUM SATIVUM* L. Fabaceae. Pea.

155309. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

155310 to 155312. *SORGHUM VULGARE* Pers. Poaceae.

155310. Red grain.

155311. White grain.

155312. Yellow grain.

155313. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.

155314. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.

155315 and 155316. *TRITICUM AESTIVUM* L. Poaceae. Wheat.

155315. Grown in Yemen.

155316. Inferior.

155317. *VICIA FABA* L. Fabaceae. Broadbean.

155318. *ZEA MAYS* L. Poaceae. Corn.

155319 to 155339. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 18, 1946.

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| 155319. <i>Inyanyala</i> . From Kilungu. | 155330. <i>Mukengya</i> . From Nzawi. |
| 155320. <i>Ithaa</i> . From Kilungu. | 155331. <i>Mukombi</i> . From Kilungu. |
| 155321. <i>Katengu</i> . From Mwala. | 155332. <i>Mungomo</i> . From Mwala. |
| 155322. <i>Kaue</i> . From Kangundu. | 155333. <i>Muthiikwa</i> . From Kangundu. |
| 155323. <i>Kilongola</i> . From Mukaa. | 155334. <i>Muthio</i> . From Nzawi. |
| 155324. <i>Kyebui</i> . From Misooni. | 155335. <i>Muveta</i> . From Kisauni. |
| 155325. <i>Mpeta</i> . From Kikumsulin. | 155336. <i>Muyo</i> . From Kisauni. |
| 155326. <i>Mubemba</i> . From Kilungu. | 155337. <i>Mwembe</i> . From Kangundu. |
| 155327. <i>Mubobi</i> . From Mukaa. | 155338. <i>Ngutwa</i> . From Mwala. |
| 155328. <i>Mubovi</i> . From Nzawi. | 155339. From Nzawi. |
| 155329. <i>Mubya</i> . | |

155340 to 155344. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Argentina. Seeds presented by G. A. Tome, Facultad de Agricultura y Veterinaria, Buenos Aires. Received July 9, 1946.

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| 155340. <i>M</i> × 7. | 155343. <i>Syn. No. 1</i> . |
| 155341. <i>M</i> × 46 k. | 155344. <i>Syn. × Massaux 248 k</i> . |
| 155342. <i>Massaux</i> × 40 k. | |

155345 to 155363. CAPSICUM FRUTESCENS L. Solanaceae.**Redpepper.**

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received July 22, 1946.

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| 155345. <i>No. 3639</i> . | 155355. <i>No. 3649</i> . |
| 155346. <i>No. 3640</i> . | 155356. <i>No. 3650</i> . |
| 155347. <i>No. 3641</i> . | 155357. <i>No. 3651</i> . |
| 155348. <i>No. 3642</i> . | 155358. <i>No. 3652</i> . |
| 155349. <i>No. 3643</i> . | 155359. <i>No. 3653</i> . |
| 155350. <i>No. 3644</i> . | 155360. <i>No. 3654</i> . |
| 155351. <i>No. 3645</i> . | 155361. <i>No. 3655</i> . |
| 155352. <i>No. 3646</i> . | 155362. <i>No. 3656</i> . |
| 155353. <i>No. 3647</i> . | 155363. <i>No. 3657</i> . |
| 155354. <i>No. 3648</i> . | |

155364. ERYTHRINA SENEGALENSIS DC. Fabaceae.**Coral tree.**

From the Gold Coast. Seeds presented by E. A. Menninger, Stuart, Fla. Received July 23, 1946.

From Accra.

155365. SACCHARUM. Poaceae.**Sugarcane.**

From Cuba. Cuttings presented by the Compania Commercial Rodriguez S. A., Havana. Received July 24, 1946

Media Luna 3-18.

155366. MYRISTICA FRAGRANS Houtt. Myristicaceae.**Nutmeg.**

From the British West Indies. Seeds presented by Charles H. Whitaker, American Consulate, Grenada. Received July 25, 1946.

155367 to 155383.

From Peru. Seeds presented by Bowen S. Crandall, Acting Director, Estación Experimental Agrícola, Tingo Maria. Received July 25, 1946.

155367 to 155378. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

- 155367. *TM-1205*. From Puente Supte.
- 155368. *TM-1208*. From Julio Vigo, Aserradero "Las Palmas."
- 155369. *TM-1209*. From La Vega, near Tingo Maria.
- 155370. *TM-1210*. From Margarita, near Tingo Maria.
- 155371. *TM-1214*. From near Carpish.
- 155372. *TM-1215*. From Tingo Maria.
- 155373. *TM-1216*. From Tingo Maria.
- 155374. *TM-1231*. From Pucallpa.
- 155375. *TM-1237*. From Kilometer 186.
- 155376. *TM-1245*. From near Huánuco.
- 155377. *TM-1246*. From near Huánuco.
- 155378. *TM-1247*. From near Huánuco.

155379. *LYCOPERSICON PERUVIANUM* (L.) Mill.

TM-1207. From Lote Francisco Mendieta.

155380 to 155383. *SOLANUM* sp. Solanaceae.

- 155380. *TM-1197*. From Naranjillo.
- 155381. *TM-1213*. From near Carpish.
- 155382. *TM-1229*. *Cocona*. From San Pablo.
- 155383. *TM-1233*. From near Aguaytia.

155384. *TECTONA GRANDIS* L. f. Verbenaceae.

Teak.

From Puerto Rico. Seeds presented by the Agricultural Experiment Station, Mayaguez. Received July 23, 1946.

155385 and 155386. *MALUS*. Malaceae.

From New York. Cuttings presented by G. H. Howe, New York State Agricultural Experiment Station, Geneva. Received July 26, 1946.

155385. *Florence Crabapple*.

155386. *Large Yellow Siberian Crabapple*.

155387. *RUBUS* sp. Rosaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received July 15, 1946.

Collected at 7,000 feet altitude on Carpish. Fruit 4 cm. long by 2 cm. wide, acid, black when ripe.

155388 to 155393.

From Costa Rica. Seeds presented by Claude Hope, Assistant General Manager, American Cinchona Plantation, Isla Bonita. Received July 15, 1946.

155388. *IMPATIENS SULTANI* Hook. f. Impatiaceae.

Sultan snapweed.

From San Antonio de Turrialba.

155389. *HIPPOBROMA LONGIFLORA* (L.) Presl. Campanulaceae.

Jasmin de Estrella. From near Turrialba, at 2,000 to 2,300 feet altitude.

155390. *NEOMARICA* sp. Iridaceae.

From San Antonio de Turrialba. Flowers dark blue.

155388 to 155393—Continued

155391. SOLANUM sp. Solanaceae.

Tomatolike plant with edible fruits $\frac{3}{4}$ inch in diameter, decumbent. From Volcán Poas, 4,000 feet altitude.

155392. SOLANUM sp.

Tomatolike plant with edible fruits $1\frac{1}{4}$ inch in diameter, plant prostrate. From Volcán Poas, 4,000 feet altitude.

155393. TURNERA ULMIFOLIA L. Turneraceae.

155394 and 155395.

From Brazil. Seeds presented by the Departamento da Produção Animal, São Paulo. Received July 19, 1946.

155394. MELINIS MINUTIFLORA Beauv. Poaceae.

Molasses grass.

Capim Gordura.

155395. HYPARRHENIA RUFA (Nees) Stapf. Poaceae.

Capim Jaraguá.

155396 to 155418.

From India. Seeds presented by B. K. Paranjpe, Vishnool Sadashive & Co., Seed and Bulb Growers, Poona. Received July 23, 1946.

155396. AMARANTHUS TRICOLOR L. Amaranthaceae.

Pokla Bhajee.

155397. AMARANTHUS sp.

Math Red.

155398. AMARANTHUS sp.

Chavali Bhajee.

155399. AMARANTHUS sp.

Math Green.

155400. ANETHUM GRAVEOLENS L. Apiaceae.

Dill.

Shepu Bhajee.

155401. PSOPHOCARPUS TETRAGONLOBUS (L.) DC. Fabaceae.

Gos bean.

155402. CARICA PAPAYA L. Papayaceae.

Papaya.

Dwarf Yenen.

155403. CHENOPODIUM sp. Chenopodiaceae.

Chandanbatwa.

155404. CHENOPODIUM sp.

Chakwat.

155405. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

Dilpasant.

155406. CORIANDRUM SATIVUM L. Apiaceae.

Coriander.

Kothimbir.

155407. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.

Cushaw.

Bhopla Red.

155408 and 155409. LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.

155408. *Dudhia Round.*155409. *Dudhia Long.*

155396 to 155418—Continued

155410 to 155412. *LUFFA* spp. Cucurbitaceae.155410 and 155411. *LUFFA ACUTANGULA* (L.) Roxb.

Singkwa towelgourd.

155410. *Dodka Long*.155411. *Ghosala White*.155412. *LUFFA AEGYPTIACA* Mill.

Suakwa towelgourd.

155413 to 155415. *MOMORDICA CHARANTIA* L. Cucurbitaceae.

Balsam-pear.

155413. *Karali Green*.155414. *Padwal Long*.155415. *Karali White*.155416. *RUMEX VESICARIUS* L. Polygonaceae.*Chooka Bhaji*.155417. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

Methi.155418. *CARTHAMUS TINCTORIUS* L. Asteraceae.

Safflower.

Kardai.155419 to 155423. *ORYZA SATIVA* L. Poaceae.

Rice.

From Venezuela. Seeds presented by the Ministerio de Agricultura y Cria, Departamento de Genética, Maracay. Received July 29, 1946.

155419. *No. I-48 Apure*.155422. *No. I-49 Delta Amacuro*.155420. *No. I-22 Chirigua 1*.155423. *No. I-18 La Victoria*.155421. *No. I-39 Chivacoa 1*.155424 and 155425. *ANNONA CHERIMOLA* Mill. Annonaceae.

Cherimoya.

From Peru. Seeds presented by John J. Haggerty, Agricultural Attaché, Lima. Received July 23, 1946.

155424. Smooth skin.

155425. Warty skin.

155426 to 155428.

From Canada. Budsticks presented by F. L. Skinner, Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received July 31, 1946.

155426 and 155427. *MALUS*. Malaceae.155426. *Charles Crabapple*.155427. *Hibernal* × *Red Siberian Crabapple*.155428. *PRUNUS MANDSHURICA* (Maxim.) Koehne. Amygdalaceae.

Manchurian apricot.

Dropmore Selection.155429 to 155433. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Australia. Seeds presented by the Division of Plant Industry, Department of Agriculture, Sydney, New South Wales. Received July 31, 1946.

Supplied by the Temora Experiment Farm.

155429. *Celebration*.155432. *Kendee*.155430. *Charter*.155433. *Yalta*.155431. *Gabo*.

155434 and 155435. ERAGROSTIS spp. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received July 22, 1946.

155434. ERAGROSTIS LEHMANNIANA var. *AMPLA* Stapf. Poaceae.

Lovegrass.

Received as *Eragrostis curvula* var. *ampla*, apparently in error.

155435. ERAGROSTIS LEHMANNIANA Nees.

155436 and 155437.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received July 29, 1946.

155436. ERAGROSTIS SUPERBA Peyr. Poaceae.

A special geographical strain.

155437. TETRACHNE DREGEI Nees. Poaceae.

155438 to 155448.

From the Soviet Union. Seeds presented by Academician N. V. Tsitsin, Institute of Grain Culture, Alexandra District, Rostov Province. Received July 29, 1946.

155438 to 155440. CHRYSANTHEMUM CINERARIAEFOLIUM (Trevir.) Vis. Asteraceae.

155438. No. 3. From Alexandra District, Rostov Province.

155439. No. 84. From Uzbek, Soviet Union.

155440. No. 51. From collective farm "Parizhskaya Kommun," Odessa Province.

155441 to 155448. CHRYSANTHEMUM COCCINEUM Willd.

155441. No. 609. From the Leningrad Botanical Institute.

155442. Item No. 7. From Zheltaya, Manglis, Georgia.

155443. Item No. 1. From Kartalin, Manglis, Georgia.

155444. Item No. 2. From Tabiskhuri, Bakurian, Georgia.

155445. No. 314. From the collective farm "Stalin," Rostov Province.

155446. No. 318. From the Leningrad Botanical Institute.

155447. No. 315. From the Leningrad Botanical Institute.

155448. No. 317. From the Leningrad Botanical Institute.

155449 to 155458.

From Canada. Scions presented by W. R. Leslie, Dominion Experimental Station, Morden, Manitoba. Received Aug. 6, 1946.

155449 to 155457. MALUS. Malaceae.

155449. Acheson Crabapple.

155454. Florence Crabapple.

155450. Amisk Crabapple.

155455. Moscow Pear Crabapple.

155451. Athabaska Crabapple.

155456. Reddant Crabapple.

155452. Chilko Crabapple.

155457. Strathmore No. 5 Crabapple.

155453. Cowichan Crabapple.

155458. PRUNUS. Amygdalaceae.

Cistena.

155459 to 155465.

From Minnesota. Scions presented by the Agricultural Experiment Station, University Farm, Saint Paul. Received Aug. 6, 1946.

155459. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

Peerless.

155459 to 155465—Continued

155460 to 155465. MALUS.

155460. *Carlton Crabapple.*155463. *Flame Crabapple.*155461. *Colombia Crabapple.*155464. *Minnesota No. 447 Crabapple.*155462. *Dolga Crabapple.*155465. *Virginia Crabapple.*

155466 and 155467.

From Tanganyika. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 31, 1946.

From the East African Agricultural Research Station, Amani.

155466. *SORGHUM VERSICOLOR* Anderss. Poaceae.155467. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

155468 to 155470.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Director of Agricultural Education and Research, Pretoria, Transvaal. Received Aug. 5, 1946.

155468. *DIGITARIA SMUTSII* Stent. Poaceae.

From the Pretoria District.

155469. *SETARIA SPHACELATA* (Schum.) Stapf. & Hubb. Poaceae

Du Toits Kraal.

155470. *TETRACHNE DREGEI* Nees. Poaceae.

From Molteno.

155471 to 155855. *SORGHUM* spp. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 7, 1946.

The symbols GB, GN, and SW, used in the following notes, signify green midrib, grain, and sweet-stemmed, respectively. Collected in 1946.

155471 to 155511. *SORGHUM VULGARE* Pers.

155471 to 155484. From Tanganyika.

155471 to 155476. Vicinity of Merangu. March 9, 1946.

155471. No. 773. *Mutama.*

155474. No. 776. GN.

155472. No. 774. *Mutama.*

155475. No. 777. GN.

155473. No. 775. *Mutama.*

155476. No. 777A.

155477. No. 784. *Rugugu.* Recega. GN. March 20.

155478. No. 785. Near Mtandika. GN.

155479. No. 786. *Mugugu.* Near Mtandika.155480. No. 787. *Upemba.* From 30 miles northeast of Iringa. Much stooling. GN.155481. No. 788. *Upemba.* From 20 miles southeast of Iringa. March 21. GN.

155482 to 155484. From 70 miles east of Mbeya.

155482. No. 793.

155483. No. 796.

155484. No. 797.

155471 to 155855—Continued

155485 to 155511. From Northern Rhodesia.

155485 to 155493. Vicinity of Broken Hill. March 28.

155485. No. 798. *Maila*. 155490. No. 803. *Masaka*. GN.155486. No. 799. *Misali*. SW. 155491. No. 807. Forage.155487. No. 800. *Misali*. 155492. No. 808. Forage.155488. No. 801. *Misali*. 155493. No. 809. *Misali*. SW.155489. No. 802. *Misali*.

155494. No. 810. Originally from the Union of South Africa. Forage.

155495. No. 811. *Mapira*. Near Kapiri Mposhi. March 30. GB.155496. No. 812. *Masaka*. From 57 miles north of Broken Hill. GB.

155497. No. 813. From 63 miles north of Broken Hill. Very large. GB.

155498. No. 815. *Misali*. Near Ndola.155499. No. 816. *Misali*. Near Ndola.

155500 to 155503. Near Kambowa. April 1.

155500. No. 817. *Musenga*. GN. 155502. No. 819. *Chituvamusungu*. GN.155501. No. 818. *Chimamba*. 155503. No. 821A. *Nsonge*. SW GN.155504. No. 822. *Bwalimbo*. Mkushi. GN.155505. No. 823. *Bwalimbo*. Mkushi. GN.

155506. No. 825. Lamba tribe. GN.

155507. No. 826. *Nsonje*. From 5 miles south of Ndola. SW. April 2155508. No. 828. *Mapira*. Mixed varieties from Lusaka. April 3.155509. No. 829. *Chundi*. Mixed varieties from Lusaka.155510. No. 830. *Maila Muchemae*. Near Kafue Ferry. GN.155511. No. 831. *Musali*. Near Kafue Ferry. SW.155512. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 832. From 13 miles south of Mazabuka, Northern Rhodesia. April 4.

155513. *SORGHUM VERSICOLOR* Anderss.

No. 834. From 13 miles south of Mazabuka, Northern Rhodesia.

155514 to 155544. *SORGHUM VULGARE* Pers.

From Northern Rhodesia.

155514 to 155518. Livingstone. April 8.

155514. No. 838.

155515. No. 839. *Masaka Bari*. GN.155516. No. 840. *Masaka*. GN.155517. No. 841. *Misali*. SW.155518. No. 842. *Misali*.155519. No. 843. *Makonga*. Barotseland. GN.

155520. No. 845. From 40 miles north of Livingstone. Folger. SW.

155521 to 155523. European field near Zimba. GN.

155521. No. 846.

155522. No. 848. *Mase*.155523. No. 849. *Maila*.

155471 to 155855—Continued

155524 to 155533. Kalomo and vicinity. April 10.

155524. No. 852. *Maila*.155525. No. 854. *Misali*. SW.155526. No. 857. *Maila Mujem*. GN.155527. No. 859. *Misali Jupano*. GN.155528. No. 860. *Namisali Nungu*. GN.155529. No. 861. *Sasasa*. GN.155530. No. 862. *Sarenge*. GN.155531. No. 863. *Misali*. SW.155532. No. 864. *Maila*. GN.155533. No. 865. *Misali*. SW.

155534 to 155537. Choma and vicinity. GN.

155534. No. 866.

155536. No. 868A. *Maila Mujeme*.155535. No. 867. *Maila*.155537. No. 868B. *Maila Mujeme*.155538. No. 869. *Manunka*. From 15 miles east of Choma. GN.155539. No. 956A. *Akapande*. From 33 miles east of Rufunsa. GN.

155540 to 155544. From 15 miles east of Choma. GN.

155540. No. 870. *Sedafalahu*.155543. No. 871A. *Hasesa*.

155541. No. 870A.

155544. No. 872.

155542. No. 871. *Hasesa*.

155545. SORGHUM.

No. 874. Near Muzoka, Northern Rhodesia.

155546 to 155761. SORGHUM VULGARE Pers.

155546 to 155658. From Northern Rhodesia.

155546 to 155555. Monze and vicinity. April 11.

155546. No. 877. *Mapira*. GN.155547. No. 878. *Maila*. GN.155548. No. 879. *Musunde*. Hybrid.155549. No. 882. *Misali*. Sweetfolger.155550. No. 884. *Maila*. GN.155551. No. 885. *Musali*. SW.155552. No. 886. *Misali*. Folger.

155553. No. 887. GN.

155554. No. 888. GN.

155555. No. 889. *Maila*. GN.

155556 to 155566. Mazabuka and vicinity.

155556. No. 891. *Maila*. GN.155557. No. 892. *Maila*. GN.

155558. No. 894. GN.

155559. No. 895. *Maila*. GN.155560. No. 896. *Musali*. SW.

155471 to 155855—Continued

155561. No. 897. *Musali*. Sweet Rex.
155562. No. 898. *Maila*. Tall. GN.
155563. No. 901. *Maila*. GN.
155564. No. 903. *Musali*. SW.
155565. No. 904. Hybrid.
155566. No. 907. GN.
155567. No. 909. *Musonde*. Near Kafue Ferry. GN.
155568. No. 910. *Iamaila* or *Durembera Iera*. Near Kafue Ferry. GN.
155569 to 155585. Lusaka and vicinity.
155569. No. 914. *Meanje*. SW.
155570. No. 915. *Pande*. GN.
155571. No. 917. *Longwe*.
155572. No. 918. *Pande*. GN.
155573. No. 919. *Meange*. SW.
155574. No. 919A. SW.
155575. No. 919B. SW.
155576. No. 920. *Chonkwe*. GN.
155577. No. 920A. GN.
155578. No. 921. *Chuendu*. GN.
155579. No. 922. GN.
155580. No. 923. SW.
155581. No. 924. SW.
155582. No. 925. *Mapira*. GN.
155583. No. 926. *Meange*. SW.
155584. No. 927. *Selenge*. GN.
155585. No. 928. *Longwe*. GN.
155586 to 155607. Rufunsa and vicinity.
155586. No. 930. *Meange*. SW.
155587. No. 939. *Musondi*. Hybrid.
155588. No. 931. *Maila*. GN.
155589. No. 932. *Misali*. SW.
155590. No. 933. *Chilunda*. Awned. GN.
155591. No. 934. *Chilunda*. Awnless. GN.
155592. No. 936. *Kasela*. GN.
155593. No. 940. *Kasela*. GN.
155594. No. 941. *Esumbo*. GN.
155595. No. 942. *Misali*. SW.
155596. No. 944. Very tall, much stooling.
155597. No. 945. *Misali*. SW.
155598. No. 946. *Mapiera*. GN.
155599. No. 947. *Mapiera*.
155600. No. 949. *Misali*.

155471 to 155855—Continued

155601. No. 950.
155602. No. 951. *Mpiera*.
155603. No. 952. *Mpiera*. GN.
155604. No. 953. *Misali*. SW.
155605. No. 954. *Misali*. SW.
155606. No. 955. *Kisumbu*. GN.
155607. No. 956. *Akapande*. GN.
155608 to 156610. From 28 miles east of Beit Bridge.
155608. No. 958. *Misali*. SW.
155609. No. 959. *Mapiera*. GN.
155610. No. 960. *Mapiera*. GN.
155611 to 155638. Minga and vicinity. April 14.
155611. No. 961. *Misali*.
155612. No. 962. *Misali*. SW.
155613. No. 963. *Misali*. Large, late, SW.
155614. No. 964. *Misali*. SW.
155615. No. 967. *Camuquaka*.
155616. No. 969. *Mpiera*. GN.
155617. No. 970. *Conkuaqua*. GN.
155618. No. 971. *Misali*. SW.
155619. No. 972. *Nkambwa*.
155620. No. 973. *Misali*. SW.
155621. No. 974. *Misali*. SW.
155622. No. 975. *Misali*. SW.
155623. No. 976. *Misali*. SW.
155624. No. 977. *Chimbakweni*. SW.
155625. No. 978. *Misali I'fe*.
155626. No. 979. *Pande*.
155627. No. 980. *Kamnonko*.
155628. No. 982. *Chumbowa*. SW.
155629. No. 982A.
155630. No. 983. *Kandondo*. GN.
155631. No. 984. *Mbikiloni*. SW.
155632. No. 985. *I'fe*. GB.
155633. No. 986. *Mpiera*. GN.
155634. No. 987. *Mpiera*. GN.
155635. No. 988. *Pande*. GN.
155636. No. 989. *Pande*. GN.
155637. No. 991. *Kamkomba*. GN.
155638. No. 992. *Mpiera*. GN.
155639 to 155645. Kapra Smudge House north of Fort Jameson. April 16.
155639. No. 993. *Pande*.

155471 to 155855—Continued

- 155640. No. 994. *Pande*. GN.
- 155641. No. 995. *Nyachizyanda*. SW.
- 155642. No. 997. *Marangomwa*. SW.
- 155643. No. 998. *Zakeyo*. SW.
- 155644. No. 999. *Marangomwa*. SW.
- 155645. No. 1000. *Pande*. GN.

155646 to 155654. From Chikumbe Village, 24 miles northwest of Fort Jameson.

- 155646. No. 1001. *Misali*.
- 155647. No. 1002. *Mampenga*. SW.
- 155648. No. 1003. *Kankombo*. GN.
- 155649. No. 1004. *Kamnonka*. GN.
- 155650. No. 1005. *Nkoche*. GN.
- 155651. No. 1007. *Chibowa*. SW.
- 155652. No. 1007A.
- 155653. No. 1008. *Kamkomba*. GN.
- 155654. No. 1009. *Nyachizyanda*.

155655 to 155658. From Yakaniah Village, 30 miles northwest of Fort Jameson.

- 155655. No. 1010. GB.
- 155656. No. 1011.
- 155657. No. 1013. *Musindi*. SW.
- 155658. No. 1014. *Musindi*. SW.

155659 to 155761. From Nyasaland.

155659 to 155672. Fort Manning and vicinity.

- 155659. No. 1015. *Musali*. SW.
- 155660. No. 1016. *Mapira*. GB. GN.
- 155661. No. 1017. *Hoiyo*. GN.
- 155662. No. 1018. *Mapira*. GN.
- 155663. No. 1019. *Sali Apula, Afula*. GB.
- 155664. No. 1020. *Sali Apula, Aula*. White midrib.
- 155665. No. 1022. SW.
- 155666. No. 1023. *Sumbwi*.
- 155667. No. 1025. *Kamkwakwa, Kamgolongola*. GN.
- 155668. No. 1026. *Nkoche*. GN.
- 155669. No. 1027. *Misali*.
- 155670. No. 1028. *Misali*.
- 155671. No. 1029. *Misali*.
- 155672. No. 1030. *Misali*.

155673 to 155681. Lilongwe and vicinity.

- 155673. No. 1031. *Galam Sali*. SW.
- 155674. No. 1032. *Pande*. GN.

155471 to 155855—Continued

155675. No. 1033. *Kaliyoys*.
155676. No. 1034. Very stout. SW.
155677. No. 1035. *Misali*.
155678. No. 1036. GN.
155679. No. 1037. SW.
155680. No. 1038. *Mbalwe*. GN.
155681. No. 1039.
155682 to 155688. Lilongwe and vicinity. April 18.
155682. No. 1040. *Misali*.
155683. No. 1041. *Misali*.
155684. No. 1042. *Misali*.
155685. No. 1043. *Misali*.
155686. No. 1044. *Misali*.
155687. No. 1045. *Misali*.
155688. No. 1046. *Misali*.
155689 to 155699. Salima and vicinity. April 22.
155689. No. 1049. *Mapira*. GN.
155690. No. 1050. *Mapira*. GN.
155691. No. 1051. *Misali*. Stout SW.
155692. No. 1053. *Misali*. SW.
155693. No. 1054. *Piesali*. GN.
155694. No. 1055. *Misali*.
155695. No. 1056. *Misali*. GN.
155696. No. 1057. *Misali*.
155697. No. 1058.
155698. No. 1059. *Misali*.
155699. No. 1060. *Misali*.
155700. No. 1061. *Mapira, Mlenga*. From 25 miles northeast of Lilongwe.
155701 to 155706. Lilongwe and vicinity. April 23.
155701. No. 1062. *Mapira*. GN.
155702. No. 1063. *Kapire*. GN.
155703. No. 1063A.
155704. No. 1064. *Malaget*. GN. Open and compact.
155705. No. 1064A.
155706. No. 1065. *Misali*. SW.
155707 to 155719. Natenje and vicinity.
155707. No. 1066. *Barawanga*.
155708. No. 1067. *Misali*. SW.
155709. No. 1068. *Mbalwe*. Hybrid.
155710. No. 1069.
155711. No. 1070. GN.

155471 to 155855—Continued

155712. No. 1071. Shedding.
155713. No. 1072. *Misali*. SW.
155714. No. 1074. *Misali*. SW. Crooknecked.
155715. No. 1075. *Mwanga*. SW.
155716. No. 1076. *Mbalwe*.
155717. No. 1077. *Mwanga*. GN. Twin-seeded.
155718. No. 1078. *Mapira*. GN. Much stooling.
155719. No. 1079. *Sinkuja*. GN.
155720. No. 1081. *Misali*. From 26 miles northwest of Dedza. SW.
155721 to 155727. Linthipa Valley near Dedza.
155721. No. 1082. *Waquema*. SW.
155722. No. 1083. *Wasamiera*. SW.
155723. No. 1084.
155724. No. 1085. GN.
155725. No. 1085A. SW. Very large.
155726. No. 1086. SW.
155727. No. 1087. GN.
155728 to 155741. Dedza and vicinity. April 24.
155728. No. 1088. SW.
155729. No. 1089. *Misali*.
155730. No. 1090. SW.
155731. No. 1091. *Mapira*. GN.
155732. No. 1092. *Mlenga*. GN.
155733. No. 1093. *Misali*. SW.
155734. No. 1094. GN.
155735. No. 1095. GN.
155736. No. 1096. *Mapira*. GN.
155737. No. 1097. *Misali*, *Namuse*.
155738. No. 1098. GN.
155739. No. 1099. *Misali*.
155740. No. 1100. *Misali*. SW.
155741. No. 1101. *Namuse*. GN.
155742 to 155749. Dedza and vicinity.
155742. No. 1102. *Mbadwa*, *Mlenga*.
155743. No. 1103. *Nemuse*. GN.
155744. No. 1104. GN.
155745. No. 1105. GN.
155746. No. 1106. *Mlenga*. GN.
155747. No. 1107. *Misali*. SW.
155748. No. 1108. *Mlenga*. GB.
155749. No. 1109. *Kapire*.

155471 to 155855—Continued

155750 to 155760. Ncheu and vicinity.

155750. No. 1110. GB.

155751. No. 1111. *Namuse*. GB.

155752. No. 1112. *Mwanga*. GN. Twin-seeded.

155753. No. 1113. *Misali*. SW.

155754. No. 1114. *Namuse*. GB.

155755. No. 1115. *Kapire*. GB.

155756. No. 1116. *Mbalwe*. GN. / Very tall.

155757. No. 1117. *Kapira*. GN.

155758. No. 1118. *Mlenga*. GN.

155759. No. 1119. *Sumbwe*.

155760. No. 1120. *Namuse*.

155761. No. 1121A. *Mapera*. Near Senzani Village. GN.

155762. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1122. North of Blantyre, Nyasaland.

155763 to 155855. *SORGHUM VULGARE* Pers.

From Nyasaland.

155763. No. 1124A. Near Chiradzulu.

155764 to 155792. Chileka and vicinity. April 26.

155764. No. 1125. GN. Twin-seeded.

155765. No. 1126. GN. Twin-seeded.

155766. No. 1127. GN.

155767. No. 1128. GN.

155768. No. 1129. GN.

155769. No. 1130. GN.

155770. No. 1131. *Misali*. SW.

155771. No. 1132. GN.

155772. No. 1133. *Misali*. SW.

155773. No. 1134. *Misali*. SW.

155774. No. 1135. *Misali*. SW.

155775. No. 1136. *Misali*. SW.

155776. No. 1137. *Misali*. SW.

155777. No. 1138. *Misali*. SW.

155778. No. 1139. *Misali*. SW.

155779. No. 1140. *Salabango*. GB.

155780. No. 1141. *Sumbwi*. GN.

155781. No. 1142. *Mlenga*. GN.

155782. No. 1143. *Namuse*. GN.

155783. No. 1144. *Namuse*. GN.

155784. No. 1145. *Namuse*. GN.

155785. No. 1146. GN.

155786. No. 1147. GN

155471 to 155855—Continued

155787. No. 1148. *Kapiri*. GN.
155788. No. 1149. *Misali*. SW.
155789. No. 1150. *Misali*.
155790. No. 1151.
155791. No. 1152. *Misali*. SW.
155792. No. 1153. *Kapiri*. GN.
155793 to 155795. Near Mpatamanga Gorge of the Shire River.
155793. No. 1154. *Gonbo*. GN.
155794. No. 1155. *Kapiri*. GN.
155795. No. 1156. *Gongo*. GN.
155796. No. 1157. From 20 miles north of Lilongwe. SW.
155797 to 155800. Neno.
155797. No. 1168. *Misali*.
155798. No. 1169. *Misali*.
155799. No. 1170. *Misali* × *Namuse*.
155800. No. 1171. *Namuse*.
155801. No. 1172. Near Luchenza. April 27.
155802. No. 1173. Near Luchenza. GB.
155803. No. 1174. Near Fundis Crossroads. GM. Small, very early.
155804. No. 1176. Near Fundis Crossroads. GN.
155805 to 155811. Limbe and vicinity. April 29.
155805. No. 1177. *Mapira*.
155806. No. 1178. Shattering, hybrid.
155807. No. 1179. GN.
155808. No. 1180. GB.
155809. No. 1181. Much stooling.
155810. No. 1182. GB, SW.
155811. No. 1183. GN.
155812 to 155819. Chiromo and vicinity.
155812. No. 1185. Semiwild.
155813. No. 1188. GN.
155814. No. 1189. GN. Blotch.
155815. No. 1190. *Munuguary*.
155816. No. 1191.
155817. No. 1192. *Songoli*.
155818. No. 1193. *Goquay*. GN.
155819. No. 1194. *Tengaramanga*. GN.
155820 to 155825. Zomba and vicinity. May 1.
155820. No. 1195. *Mapemba*. GN.
155821. No. 1196. GB.
155822. No. 1197. GB.

155471 to 155855—Continued

155823. No. 1198. *Mikota*. SW.
 155824. No. 1199A. SW.
 155825. No. 1199B. SW.
 155826. No. 958A. From 28 miles east of Beit Bridge. SW.
 155827 to 155833. Zomba and vicinity.
 155827. No. 1200. *Mapemba*. GN.
 155828. No. 1201. *Mapemba*. GN.
 155829. No. 1202. *Mapemba*. GN.
 155830. No. 1203. White seed. SW.
 155831. No. 1204. *Mapemba*. GN.
 155832. No. 1205. *Mapemba*. GN.
 155833. No. 1206. *Mckota*. SW.
 155834. No. 1207. *Tensaballa*. SW. Johannesburg.
 155835 to 155839. Zomba and vicinity.
 155835. No. 1209. *Wangnon*. SW.
 155836. No. 1210. *Mapemba*. GN.
 155837. No. 1211. SW.
 155838. No. 1212. SW.
 155839. No. 1214. SW.
 155840. No. 1215. Near Namwera. GN.
 155841 to 155847. Fort Johnston and vicinity.
 155841. No. 1216. GN. 155845. No. 1221. SW.
 155842. No. 1217. GN. 155846. No. 1222. SW.
 155843. No. 1218. GN. 155847. No. 1224. GN.
 155844. No. 1219. SW.
 155848. No. 1208. From 50 miles north of Zomba. SW.
 155849. No. 1233. From 18 miles east of Balaka. GN.
 155850. No. 1209A. From 50 miles north of Zomba.
 155851 to 155854. From 9 miles east of Balaska. GN.
 155851. No. 1237. *Andonge*. 155853. No. 1239. *Andonge*.
 155852. No. 1238. *Mungowe*. 155854. No. 1240.
 155855. No. 1253. From 17 miles north of Dedza, 4,500 feet altitude. GN.
- 155856. SACCHARUM. Poaceae. Sugarcane.**
 From the British West Indies. Seeds presented by the Central Sugar Cane Breeding Station, Trinidad. Received Aug. 13, 1946.
No. B-37193.
- 155857. VETIVERIA NIGRITANA (Benth.) Stapf. Poaceae.**
 From Tanganyika. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 13, 1946.
 No. 835. From 13 miles south of Mazabuka. April 4, 1946.
- 155858. BOEHMERIA NIVEA (L.) Gaud. Urticaceae. Ramie.**
 From the Philippine Islands. Seeds presented by John M. Beard, Department of State, Washington, D. C. Received Aug. 12, 1946.

155859. ANNONA MURICATA L. Annonaceae.**Soursop.**

From Peru. Seeds presented by R. J. Seibert, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 23, 1946.

Huanabana. From Tingo Maria; a superior local selection.

155860 to 155865. ORYZA SATIVA L. Poaceae.**Rice.**

From India. Seeds presented by B. S. Kadan, Deputy Director of Agriculture, Poona, Bombay Province. Received Aug. 19, 1946.

From the Salt-land Paddy Station, Panwel, Kolaba District. Salt-tolerant.

155860. No. 1. *Kala-Rata.*

155863. No. 4. *Manjarwel.*

155861. No. 2. *Bhura-Rata.*

155864. No. 5. *Khari-Patni.*

155862. No. 3. *Morchuka.*

155865. No. 6. *Dhoke.*

155866. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

From China. Seeds presented by E. A. Turner, A.P.O. 971, c/o Postmaster, San Francisco, Calif. Received Aug. 14, 1946.

From Shanghai.

155867 and 155868.

From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Aug. 14, 1946.

From a collective farm near Kiev.

155867. *SECALE CEREALE L. Poaceae.*

Rye.

155868. *TRITICUM AESTIVUM L. Poaceae.*

Common wheat.**155869 to 155879. SORGHUM VULGARE Pers. Poaceae.**

From India. Seeds presented by B. S. Kadan, Deputy Director of Agriculture, Poona, Bombay Province. Received Aug. 19, 1946.

155869. *Bilimori-Bengalore.*

155875. *Nandyal-Nerli Chikodi.*

155870. *Budha Perio-Surat.*

155876. *N. T. 502-Nandyal.*

155871. *Budha Perio 53-Surat.*

155877. *Red Janapur-Dokri.*

155872. *Gidgemp-Athani.*

155878. *Sadagar-Chikodi.*

155873. *Gidgemp-Chikodi.*

155879. *Sakkari Guilga Jonna.*

155874. *Irungi Cholam.* Fodder variety.

155880 to 155882. SOLANUM spp. Solanaceae.

From Peru. Seeds presented by Bowen S. Crandall, Estación Experimental, Tingo Maria. Received Aug. 20, 1946.

155880. *SOLANUM* sp.

No. 1234. From Boqueron, Pucallpa highway.

155881. *SOLANUM* sp.

No. 1197. From Naranjillo, Tingo Maria.

155882. *SOLANUM* sp.

No. 1232. From Divisoria, Pucallpa highway.

155883. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From Argentina. Seeds presented by Casa Carlos Gobetti, Buenos Aires. Received Aug. 26, 1946.

Santa Clara.

155884. PASPALUM NOTATUM Fluegge. Poaceae. **Bahia grass.**

From Cuba. Seeds presented by Prudencio V. Hernandez, Jaguey Grande, Mantanzas. Received Aug. 28, 1946.

155885 to 155943. SORGHUM spp. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 3, 1946.

155885. SORGHUM VULGARE Pers.

No. 766C. From 30 miles north of Merangu, Tanganyika. March 9, 1946.

155886. SORGHUM ARUNDINACEUM (Willd.) Stapf.

No. 778. *Majanne*. From 30 miles south of Merangu, Tanganyika.

155887 to 155889. SORGHUM VULGARE Pers.

155887. No. 791. From 70 miles east of Mbeya, Tanganyika.

155888. No. 821B. *Nsonge*. Field near Kambowa, Tanganyika; sweet-stemmed.

155889. No. 824A. *Bwalimbo*. Mkushi, Tanganyika. Grain.

155890. SORGHUM sp.

No. 835. From 39 miles south of Broken Hill, Northern Rhodesia. March 28, 1946.

155891 to 155943. SORGHUM VULGARE Pers.

155891. No. 883. *Musali*. From 7 miles north of Monze, Northern Rhodesia.

155892. No. 893. From 18 miles southwest of Mazabuka, Northern Rhodesia; sweet-stemmed.

155893. No. 939. *Musondc*. From 7 miles east of Rufunsa, Northern Rhodesia.

Hybrid.

155894. No. 958A. From 28 miles east of Beit Bridge; sweet-stemmed.

155895 to 155916. From Nyasaland.

155895. No. 1048. From 32 miles northeast of Lilongwe.

155896. No. 1075A. From 7 miles east of Natenje; sweet-stemmed.

155897. No. 1162. From 23 miles north of Lilongwe; sweet-stemmed.

155898. No. 1199. *Mapemba*. From 19 miles north of Zomba; sweet-stemmed.

155899. No. 1208. From 50 miles north of Zomba; sweet-stemmed.

155900. No. 1230A. Near Fort Johnston.

155901. No. 1232A. From 34 miles south of Fort Johnston.

155902. No. 1244A. Near Balaka Station.

155903 to 155905. From 25 miles north of Lilongwe.

155903. No. 1256. Grain type.

155904. No. 1256A.

155905. No. 1256B.

155906. No. 1268. From 12 miles north of Kasungu; sweet-stemmed.

155907. No. 1272A. From 13 miles north of Kasungu.

155908 to 155915. Near Njakwa Gorge.

155908. No. 1299. *Kidomba*. Sweet-stemmed.

155909. No. 1300. Seed-shedding.

155885 to 155943—Continued

155910. No. 1301. Green-midrib hybrid.

155911. No. 1302. *Mapiera*. Grain.

155912. No. 1303. Green-midrib grain.

155913. No. 1303A.

155914. No. 1304. Sweet-stemmed.

155915. No. 1305. *Baywo*. Grain.

155916. No. 1316. *Nkumba*. From 20 miles northwest of Fort Hill; grain.
May 11.

155917 to 155943. From Northern Rhodesia.

155917 to 155923. Near Tunduma.

155917. No. 1317. Grain. May 12.

155918. No. 1318. Grain.

155919. No. 1319. Grain.

155920. No. 1320. Grain.

155921. No. 1321. Grain.

155922. No. 1322. Grain.

155923. No. 1323. Grain.

155924 to 155930. Near Abercorn.

155924. No. 1324. *Chifungo*. Grain. May 13.

155925. No. 1325. *Sali*. Grain.

155926. No. 1326. *Sali*. Green midrib, sweet-stemmed.

155927. No. 1327. *Sonkwe*. Grain.

155928. No. 1328. *Sonkwe*. Grain.

155929. No. 1328A. *Sali*. Grain.

155930. No. 1328B. *Kawali*. Grain.

155931. No. 1311. *Mapemba Ichaba*. From 12 miles east of Katumbi;
grain.

155932 to 155939. Near Abercorn.

155932. No. 1330. *Nampundu*. Sweet-stemmed.

155933. No. 1331. *Sali*. Green midrib.

155934. No. 1332. *Sali*. Green midrib.

155935. No. 1339. *Sonkwe*.

155936. No. 1340. *Sonkwe*.

155937. No. 1341. *Sonkwe*.

155938. No. 1343. *Sonkwe*.

155939. No. 1344. *Sonkwe*.

155940 to 155943. From the Senga people, near Polombive.

155940. No. 1348. *Watunda*. Late annual; grain.

155941. No. 1350. *Nampundu*. Twin-seeded type.

155942. No. 1351. *Misali Ya Matete*. Sweet-stemmed.

155943. No. 1352. *Chimbowe*. Sweet-stemmed.

155944 to 155946. PYRUS COMMUNIS L. Malaceae. Common pear.

From Argentina. Scions obtained through the American Embassy, Buenos Aires.
Received Sept. 4, 1946.

155944. *Passe Crassanna*.

155945. *Packham's Triumph*.

155946. *Winter Bartlett*.

155947. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From Brazil. Seeds presented by the Instituto de Cação da Bahia, Estação Geral de Experimentação, Agua Preta, Bahia. Received Aug. 22, 1946.

Pimenta de Cherio. Yellow, hot.

155948. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

From China. Seeds collected by Dr. H. L. Crane, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 28, 1946.

From Tientsin.

155949. ANTHOSCHMIDTIA BULBOSA (Stapf) Peter. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Aug. 30, 1946.

155950. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 3, 1946.

From the Kuban Region.

155951. MIMUSOPS ALBESCENS L. Sapotaceae.

From Cuba. Seeds presented by F. G. Walsingham, Harvard University Atkins Garden and Research Laboratory, Cienfuegos. Received Sept. 5, 1946.

Acana. A large tropical tree, with leathery, white-glaucous, oblong leaves about 5 inches long, and small white flowers. Native to western Cuba.

155952. BRASSICA NAPUS L. Brassicaceae. Rape.

From Germany. Seeds presented by Gebrüder Dippe A. G., Quedlinberg, Saxony. Received Sept. 9, 1946.

Shatter-proof winter rape.

155953 to 155956.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Sept. 10, 1946.

155953. *ANTHOSCHMIDTIA BULBOSA* (Stapf) Peter. Poaceae.

155954. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.

155955. *ERAGROSTIS ROBOSA* Nees. Poaceae.

Vaal-Harts.

155956. *PENNISSETUM CILIARE* (L.) Link. Poaceae.

155957. GOSSYPIUM. Malvaceae. Cotton.

From the Society Islands. Seeds presented by J. M. Clements, Papeete, Tahiti. Received Sept. 18, 1946.

155958. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Canada. Scions presented by M. B. Davis, Central Experiment Farm, Ottawa. Received Sept. 18, 1946.

Montreal Beauty.

155959 to 155963.

From the Soviet Union. Seeds obtained from Siberia by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 19, 1946.

155959 and 155960. *AVENA SATIVA* L. Poaceae.

Oats.

155959. *Baikal 288412.* From the Tulunski Selection Station.

155960. *Sibiryak 1044.* From the Tulunski Selection Station.

155961 to 155963. *HORDEUM VULGARE* L. Poaceae.

Barley.

155961. *Chervonets S/17 Pallidum.* Tulunski Selection Station.

155962. *Chervonets.* Sretenskaya Station.

155963. *Krasnoyarski 74.* From the Kramalinsk Station.

155964 and 155965. CITRUS spp. Rutaceae.

From California. Seeds obtained by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 19, 1946.

From the Citrus Experiment Station, Riverside.

155964. *CITRUS.*

Pera.

155965. *CITRUS TAIWANICA* Tanaka & Shimada.

155966 to 155985. ZEA MAYS L. Poaceae.

Corn.

From the Union of South Africa. Seeds presented by D. J. Gardner, Agricultural Attaché, Legation of the Union of South Africa, Washington, D. C. Received Sept. 19, 1946.

From the Potchefstroom Research Center, Potchefstroom, western Transvaal.

155966. *45M-1.*

155976. *45M-13.*

155967. *45M-2.*

155977. *45M-14.*

155968. *45M-3.*

155978. *45M-15.*

155969. *45M-4.*

155979. *45M-16.*

155970. *45M-5.*

155980. *45M-17.*

155971. *45M-6.*

155981. *45M-18.*

155972. *45M-7.*

155982. *45M-19.*

155973. *45M-10.*

155983. *45M-20.*

155974. *45M-11.*

155984. *45M-21.*

155975. *45M-12.*

155985. *45M-22.*

155986 to 155992.

From the eastern Carolines. Seeds presented by George L. McCollm, Emporia, Kans. Received July 19, 1946.

From Ponape Island.

155986. *CEIBA PENTANDRA* (L.) Gaertn. Bombacaceae.

Kapok.

155987. *COELOCOCCUS AMICARUM* (Wendl.) W. F. Wight. Phoenicaceae.

Ivory nut.

155988. *GOSSYPIUM.* Malvaceae.

Cotton.

155989 and 155990. *ORYZA SATIVA* L. Poaceae.

Rice.

155989. Upland.

155990. Paddy.

155991. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

155992. *ZEA MAYS* L. Poaceae.

Corn.

Ponape.

155993 and 155994. PASPALUM spp. Poaceae.

From Brazil. Seeds collected by J. R. Swallen, United States National Museum, Washington, D. C. Received Sept. 12, 1946.

From Campo Grande, Mato Grosso.

155993. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

155994. PASPALUM PANICULATUM L.

155995 to 155999.

From Hungary. Seeds presented by H. Le Boyit, Agricultural Attaché, American Embassy, Budapest. Received Sept. 11, 1946.

155995 and 155996. ABUTILON THEOPHRASTI Medic. Malvaceae.

155995. No. 1.

155996. No. 2.

155997. BETA VULGARIS L. Chenopodiaceae.

Beet.

155998. MALVA CRISPA L. Malvaceae.

155999. MALVA sp.

156000 to 156005.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Sept. 12, 1946.

156000. ANTHOSCHMIDTIA BULBOSA (Stapf) Peter. Poaceae.

156001. ENNEAPOGON CENCHROIDES (Licht.) C. E. Hubb. Poaceae

156002. CHLORIS VIRGATA Swartz. Poaceae.

156003. ERAGROSTIS OBTUSA Munro. Poaceae.

156004. ERAGROSTIS POROSA Nees.

156005. TRICHOLOAENA REPENS (Willd.) Hitchc. Poaceae.

Natal grass.

156006 to 156009. TRIFOLIUM SUBTERRANEUM L. Fabaceae.

Subterranean clover.

From Australia. Seeds purchased from F. H. Brunning Pty. Ltd., Melbourne. Received Sept. 24, 1946.

156006. Late Talleroak.

156007. Mid Season Mt. Barker.

156008. Bacchus Marsh. Early flowering.

156009. Extra Early Dwalganup.

156010. PERSEA LINGUE (Ruiz. & Pav.) Nees. Lauraceae. **Lingue.**

From Chile. Seeds presented by René Jouannet, El Pinar Estate, Traiguén. Received Sept. 24, 1946.

A tall, leafy tree, with smooth, ash-red bark. The flexible, fibrous, durable lumber is used for furniture, and the bark is used for tanning leather.

156011. CANNA sp. Cannaceae.

From New Hampshire. Seeds presented by Robert V. Beals, Conway. Received Sept. 25, 1946.

Originally from New Guinea.

156012 to 156016. AVENA spp. Poaceae.

From the Soviet Union. Seeds presented by Valentine Talanova, Department of Plant Introduction, Lenin Academy of Agricultural Sciences, Leningrad. Received Sept. 17, 1946.

156012 and 156013. AVENA SATIVA var. **ARISTATA** Schlecht. Poaceae.

156012 to 156016—Continued

156012. *Myraj* No. 7912. Falensky Plant Breeding Station, Kirov District.

156013. *Moskovsky* A-315. Moscow Plant Breeding Station.

156014 and 156015. *AVENA SATIVA* L.

Oats.

156014. *Kharkov* 596. Kharkov Plant Breeding Station, Kharkov District.

156015. *Verchatchsky* 53. Verchnyatchsky Plant Breeding Station, Kiev District.

156016. *AVENA SATIVA* var. *MUTICA* Schlecht.

Shatilovsky 56. Shatilovsky Plant Breeding Station, Tula District.

156017 to 156042.

From the Belgian Congo. Seeds presented by the American Consul General, Leopoldville. Received Sept. 18, 1946.

156017. *SORGHUM SUDANENSE* (Piper) Stapf. Poaceae.

Sudan grass.

E-18.

156018 to 156042. *SORGHUM VULGARE* Pers.

156018. *E-22.*

156019. *E-23.*

156020. *E-24. Fo.*

156021. *E-25. Uganda F-15.*

156022. *E-26. Uganda L1.*

156023. *E-27. Sp. 14.*

156024. *E-28. Andabalia Local 5.*

156025. *E-29. Alojondo × Mundu Smeat.*

156026. *E-30. Yodo White × Red Acholi sp. 12.*

156027. *E-31. Lwel (Denka).*

156028. *E-32. Yodo (Kalika Legware).*

156029. *E-33. Line 5 Sp. 13 Local.*

156030. *E-34. Red Losingo (Ferret).*

156031. *E-35. Huria Nube Mountains.*

156032. *E-36. Uganda G.F.*

156033. *E-37. Mabir (Dinka).*

156034. *E-38. Zori (Kakura).*

156035. *E-39. Kurgi yellow.*

156036. *E-40. Ndala.*

156037. *E-41. Uganda Durq K6.*

156038. *E-42. Uganda Durq 21.*

156039. *E-43. Koko (Kalika.)*

156040. *E-44. Nilinili Nuba Mountains.*

156041. *E-45. Blanc Mundu.*

156042. *E-46. Andalia Red.*

156043 to 156106.

From southern Africa. Seeds presented by Dr. L. E. Codd, Union Department of Agriculture, Pretoria. Received Sept. 12, 1946.

156043. *UROCHLOA TRICHOPUS* (Hochst.) Stapf. Poaceae.

No. 1674. Kalahari, Bechuanaland.

156044. *BRACHIARIA HUMIDICOLA* (Rendle) Schweick. Poaceae.

No. 1641. Rhodesia.

156045. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase. Poaceae.

No. 108. Nata River, Bechuanaland.

156046. *ERAGROSTIS BARBINODIS* Hack. Poaceae.

No. 56. Pretoria, Transvaal.

156047. *ERAGROSTIS CHLOROMELAS* Steud.

No. 1761. Pretoria, Transvaal.

156048. *ERAGROSTIS CURVULA* (Schrud.) Nees.

No. 2038. Utrecht, Natal.

156049. *ERAGROSTIS SUPERBA* Peyr.

No. 20. Pretoria, Transvaal.

156050. *ERAGROSTIS* sp.

No. 27. Pretoria, Transvaal.

156051. *ERAGROSTIS* sp.

No. 1879. Vereeniging, Transvaal.

156052. *ERAGROSTIS* sp.

No. 1759. Pretoria, Transvaal.

156053. *ERAGROSTIS* sp.

No. 1984. Nkandhula, Zululand.

156054. *ERAGROSTIS* sp.

No. 1988. Mbabane, Swaziland.

156055. *GLYCINE JAVANICA* L. Fabaceae.

No. 1448. Southern Rhodesia.

156056. *HORDEUM* sp. Poaceae.

No. 2026. Originally from Uruguay.

156057. *OTOPTERA BURCHELLII* DC. Fabaceae.

No. 1483. Matlabas, northern Transvaal. A bushy perennial with rigid branches and trifoliate leaves. The rigid, ovate-lanceolate leaves are 1 to 2 inches long, and the small purple flowers are on peduncles 3 to 5 inches long. Native to South Africa.

156058 to 156069. *PANICUM COLORATUM* L. Poaceae.

156058. No. 122. Hammanskraal, Transvaal.

156059. No. 168. Makarikari, Bechuanaland.

156060. No. 333. Ubomba, Transvaal.

156061. No. 334. Komatipoort, Transvaal.

156062. No. 335. Swaziland.

156063. No. 361. Danspan, Transvaal.

156064. No. 412. Hammanskraal, Transvaal.

156043 to 156106—Continued

156065. *No. 555.* Louis Trichardt, Transvaal.
 156066. *No. 615.* Masama, Bechuanaland.
 156067. *No. 616.* Towani, Bechuanaland.
 156068. *No. 617.* Northern Rhodesia.
 156069. *No. 1158.* Kabulabula, Ngamiland.
 156070 and 156071. *PANICUM DEUSTUM* Thunb.
 156070. *No. 120.* Hammanskraal, Transvaal.
 156071. *No. 371.* Elim Hospital, Transvaal.
 156072 to 156080. *PANICUM MAXIMUM* Jacq. **Guinea grass.**
 156072. *No. 23.* Transvaal.
 156073. *No. 164.* North Coast, Natal.
 156074. *No. 321.* Louis Trichardt, Transvaal.
 156075. *No. 341.* Mlattele Location, Transvaal.
 156076. *No. 508.* Komatipoort, Transvaal.
 156077. *No. 608.* Little Brak River, Cape Province.
 156078. *No. 882.* Rhodesia.
 156079. *No. 1164.* Ngamiland.
 156080. *No. 1676.* Chobela, Portuguese East Africa.
 156081. *PANICUM* sp.
No. 56. Transvaal.
 156082. *PANICUM MINUS* var. *PLANIFOLIUM* Stapf.
No. 84. Cape Province.
 156083. *PASPALUM DILATATUM* Poir. **Poaceae.**
No. 2029. Originally from Uruguay.
 156084. *PASPALUM SCROBICULATUM* L.
No. 1327. Ngamiland.
 156085. *PENNISETUM VILLOSUM* R. Br.
No. 1646. Originally from India.
 156086 and 156087. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb. **Poaceae.**
 156086. *No. 1191.* Kazungula, Northern Rhodesia.
 156087. *No. 1192.* Kazungula, Northern Rhodesia.
 156088. *SETARIA TENUISSETA* De Wit. **Poaceae.**
No. 1187. Ngamiland.
 156089. *SORGHUM ARUNDINACEUM* (Willd.) Stapf. **Poaceae.**
No. 1063. Originally from Australia.
 156090. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
No. 2182. Kimberley.
 156091. *SORGHUM* sp.
No. 649. Originally from Australia.
 156092. *SPOROBOLUS CAPENSIS* (Willd.) Kunth. **Poaceae.**
No. 560. Magut, Zululand.

156043 to 156106—Continued

156093 and 156094. *SPOROBOLUS FIMBRIATUS* Nees.

156093. No. 119. Hammanskraal, Transvaal.

156094. No. 1689. Middelburg, Cape Province.

156095 and 156096. *SPOROBOLUS FIMBRIATUS* var. *LATIFOLIUS* Stent.

156095. No. 1996. Pretoria, Transvaal.

156096. No. 218. Zebediela, Transvaal.

156097 and 156098. *SPOROBOLUS SMUTSII* Stent. Poaceae.

156097. No. 165. Magut, Zululand.

156098. No. 485. Du Toitskraal, Transvaal.

156099. *TETRACHNE DREGEI* Nees. Poaceae.

No. 1688. Middelburg, Cape Province.

156100. *UROCHLOA PULLULANS* Stapf. Poaceae.

No. 128. Hammanskraal, Transvaal.

156101. *UROCHLOA TRICHOPUS* (Hochst.) Stapf.

No. 570. Rhodesia.

156102. *UROCHLOA* sp.

No. 425. Pretoria, Transvaal.

156103. *UROCHLOA* sp.

No. 426. Dongola, Transvaal.

156104 to 156106. *UROCHLOA TRICHOPUS* (Hochst.) Stapf.

156104. No. 427. Olifants River, Transvaal.

156105. No. 705. Nongoma, Zululand.

156106. No. 1422. Greytown, Natal.

156107 and 156108. *SACCHARUM*. Poaceae.

Sugarcane.

From the Fiji Islands. Cuttings presented by R. W. Harman, Colonial Sugar Refining Co., Sydney, New South Wales, Australia. Received Sept. 27, 1946.

156107. *Ajax*.

156108. *Badila*.

156109. *FICUS ROXBURGHII* Wall. Moraceae.

From India. Seeds presented by David Fairchild, Coconut Grove, Fla. Received Sept. 27, 1946.

Originally from the Forest Research Institute, Dehra Dun, United Provinces, India.

156110 to 156528. *SORGHUM* spp. Poaceae.

From eastern Africa. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 27, 1946.

The symbols GB, GN, and SW, used in the following notes, signify green midrib, grain, and sweet-stemmed, respectively. Collected in 1946.

156110 to 156117. From Tanganyika.

156110. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 781. From 44 miles north of Kilosa. March 19, 1946.

156111. *SORGHUM BIPENNATUM* (Hack.) Kuntze.

No. 782. From 35 miles north of Kilosa.

156110 to 156528—Continued

156112. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 782. From 30 miles south of Kilosa. March 20.

156113. *SORGHUM* sp.

No. 789. Near Igawa. March 22.

156114. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 790. Near Igawa; odd form 10 feet high.

156115 to 156117. *SORGHUM VULGARE* Pers.

156115. No. 792. From 70 miles east of Mbeya.

156116. No. 794.

156117. No. 795.

156118 to 156167. From Northern Rhodesia.

156118. *SORGHUM* sp.

No. 805. From 46 miles south of Broken Hill.

156119. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 806. From 49 miles south of Broken Hill.

156120 and 156121. *SORGHUM VULGARE* Pers.

156120. No. 820. *Mpakaamumo*. From 15 miles south of Ndola. GN.
April 1.

156121. No. 824. *Bwalimbo*. Mkushi. GN.

156122. *SORGHUM BIPENNATUM* (Hack.) Kuntze.

No. 827. From 14 miles north of Broken Hill.

156123 to 156142. *SORGHUM VULGARE* Pers.

156123 to 156126. Mixed varieties from native market, Lusaka. April 3.

156123. No. 828A.

156125. 828C.

156124. No. 828B.

156126. 828D.

156127. No. 844. *Maila*. From 40 miles north of Livingstone. GN.

156128 to 156130. Zimba and vicinity. GN.

156128. No. 847. *Mase*.

156129. No. 850.

156130. No. 851.

156131 to 156133. Kalomo and vicinity. April 10.

156131. No. 855. *Misali*. SW.

156132. No. 856. *Maila*. GN.

156133. No. 858. *Maila Futeno*. GN.

156134. No. 868A. Near Choma. GN.

156135. No. 868C. Near Choma. GN.

156136 to 156138. *Maila*. Monze and vicinity. GN.

156136. No. 876.

156137. No. 880.

156138. No. 881.

156139 to 156142. Mazabuka and vicinity.

156139. No. 893. GN.

156141. No. 890. *Musali*. SW.

156140. No. 899. *Maila*. GN.

156142. No. 900. *Maila*. GN.

156110 to 156528—Continued

156143. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 902. Near Mazabuka.

156144 to 156151. *SORGHUM VULGARE* Pers.

156144. No. 905. From 30 miles east of Mazabuka. GN.

156145. No. 906. From 30 miles east of Mazabuka. GN.

156146. No. 911. *Itera*. Near Kafue Ferry.

156147. No. 912. *Musali*. Near Kafue Ferry. SW.

156148 to 156151. Lusaka and vicinity. GN. April 12.

156148. No. 913. *Chirundu*. Red.

156149. No. 913A. Yellow.

156150. No. 913B. White.

156151. No. 916. *Maila*.

156152. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 929. From 3 miles west of Rufunsa.

156153 to 156158. *SORGHUM VULGARE* Pers.

156153 to 156158. Rufunsa and vicinity. April 13.

156153. No. 935. *Maila*. GN.

156154. No. 937. *Misali*. SW.

156155. No. 938. *Cambiembo*. GN.

156156. No. 943. *Misali*. SW.

156157. No. 948.

156158. No. 955. *Kisumbu*. GN.

156159 and 156160. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

156159. No. 957. Near Beit Bridge east of Rufunsa.

156160. No. 965. Near Minga. SW.

156161 to 156167. *SORGHUM VULGARE* Pers.

156161 to 156164. Minga and vicinity.

156161. No. 966. *Mpiera*. GN.

156162. No. 968. *Mpiera*. GN.

156163. No. 981. *Sombia*.

156164. No. 990. *Sombia*. GN.

156165. No. 996. *Pande*. Kapra Smudge House north of Fort Jameson. GN.

156166. No. 1006. *Kamyanga*. Near Fort Jameson. GN.

156167. No. 1012. *Mapira*. Fort Jameson. GN. April 17.

156168 to 156281. From Nyasaland.

156168 to 156173. *SORGHUM VULGARE* Pers.

156168. No. 1021. From 8 miles east of Fort Manning. GN.

156169. No. 1024. *Sumbwi*. From 30 miles east of Fort Manning.

156170. No. 1047. From 32 miles northeast of Lilongwe. GN.

156171. No. 1052. *Misali*. Near Salima. Very slender. SW.

156172. No. 1073. *Mbalwe*. From 7 miles east of Natenje.

156173. No. 1105. From 22 miles southeast of Dedza. GN.

156110 to 156528—Continued

156174. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.No. 1121. *Saje*. North of Blantyre.156175 to 156187. *SORGHUM VULGARE* Pers.

156175 to 156179. From 20 miles north of Lilongwe. April 25.

156175. No. 1123. *Mapiera*.

156176. No. 1157. SW.

156177. No. 1158. SW.

156178. No. 1159. GN.

156179. No. 1160. Shedding, hybrid.

156180 to 156185. From 23 miles north of Lilongwe.

156180. No. 1161. *Neseguku*. SW. 156183. No. 1164. SW.

156181. No. 1162. SW. 156184. No. 1165. GN.

156182. No. 1163. 156185. No. 1166. GN.

156186. No. 1167. *Chiwisi*. Neno. April 26.156187. No. 1178. *Mapria*. Limbe. Shattering, hybrid. April 29.156188. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1184. From 20 miles north of Chiromo.

156189 to 156281. *SORGHUM VULGARE* Pers.

156189. No. 1186. From 17 miles north of Chiromo. GN.

156190. No. 1187. From 17 miles north of Chiromo. GN.

156191. No. 1199B. From 19 miles north of Zomba. SW.

156192. No. 1213. *Sarakuimbe*. From 61 miles north of Zomba. GN.

156193 to 156203. Fort Johnston and vicinity. May 3.

156193. No. 1220. SW.

156194. No. 1223. GN.

156195. No. 1225. GN.

156196. No. 1226. GN.

156197. No. 1227. GB, SW.

156198. No. 1228. *Nondongi*. Insipid.156199. No. 1229. *Mckotta*. SW.156200. No. 1230. *Mckotta*. SW.

156201. No. 1230A. SW.

156202. No. 1231. *Wantundu, Wantipudu*. GN.

156203. No. 1232. SW.

156204 to 156213. Balaka and vicinity.

156204. No. 1234. SW. 156209. No. 1243. *Mckotta*. SW.156205. No. 1235. SW. 156210. No. 1244. *Mckotta*. SW.

156206. No. 1236. GN. 156211. No. 1244A.

156207. No. 1241. *Mckotta*. GN. 156212. No. 1245. *Mckotta*. SW.156208. No. 1242. *Mckotta*. SW. 156213. No. 1246. GN.

156214. No. 1247. North of Mlengeni, 4,000 feet altitude. SW.

156110 to 156528—Continued

156215 to 156221. Near Dedza, 4,500 feet altitude.

156215. No. 1248. SW. 156219. No. 1251. SW.

156216. No. 1249. SW. 156220. No. 1252. GN.

156217. No. 1250. SW. 156221. No. 1254. GN.

156218. No. 1250A. SW.

156222 to 156227. Near Lilongwe. May 7.

156222. No. 1255. GN. 156225. No. 1256B.

156223. No. 1256. SW. 156226. No. 1257. SW.

156224. No. 1256A. 156227. No. 1257. SW.

156228 to 156230. Near Mponela Village.

156228. No. 1259. GB.

156229. No. 1261. SW.

156230. No. 1262. *Misali*. SW.

156231 to 156242. Near Kasungu.

156231. No. 1263. SW.

156232. No. 1264. *Chungwa*. GN.

156233. No. 1265. GN.

156234. No. 1266. SW.

156235. No. 1267. GB.

156236. No. 1268. GN.

156237. No. 1269. *Mapera*. GB, GN.

156238. No. 1270. SW.

156239. No. 1271.

156240. No. 1272. SW.

156241. No. 1272A.

156242. No. 1273. SW.

156243 to 156258. Near Mzimba. May 8.

156243. No. 1274. SW.

156244. No. 1275. SW.

156245. No. 1276. GB.

156246. No. 1277. SW.

156247. No. 1278. GN.

156248. No. 1279. SW.

156249. No. 1280. SW.

156250. No. 1281. SW.

156251. No. 1281A.

156252. No. 1282. *Nefee*. Compact head, GN.

156253. No. 1283. SW.

156254. No. 1284. SW.

156255. No. 1284A.

156256. No. 1285. *Ngehu*. SW.156257. No. 1286. *Ndomba*. Hybrid.

156258. No. 1287. SW.

156110 to 156528—Continued

156259. No. 1288. From 10 miles west of Ekwendeni. SW.

156260. No. 1289. From 10 miles west of Ekwendeni. SW.

156261 to 156265. Near the Konga River.

156261. No. 1290.

156264. No. 1293. SW.

156262. No. 1291. GN.

156265. No. 1294. SW.

156263. No. 1292. SW.

156266. No. 1295. *Midomba*. West of Ekwendeni Mission. SW. May 9.

156267. No. 1296. *Cheuwere*. West of Ekwendeni Mission. GN.

156268 to 156281. Near Njakwa Gorge.

156268. No. 1297. *Chedomba*. SW.

156269. No. 1298. *Kidomba*. GN.

156270. No. 1299. *Kidomba*. GN.

156271. No. 1300. SW.

156272. No. 1301. GB. Hybrid.

156273. No. 1303. GB.

156274. No. 1303A.

156275. No. 1304. SW.

156276. No. 1305. *Baywo*. GN.

156277. No. 1306. Hybrid. May 10.

156278. No. 1307. SW.

156279. No. 1308.

156280. No. 1310. GN.

156281. No. 1311. *Mapemba Iehaba*. GN.

156282 to 156284. *SORGHUM VULGARE* Pers.

From near Katumbi, Northern Rhodesia.

156282. No. 1312. SW.

156283. No. 1313. GN.

156284. No. 1314. GB.

156285 and 156286. *SORGHUM VULGARE* Pers.

From near Fort Hill, Nyasaland. GN. May 11.

156285. No. 1315.

156286. No. 1316. *Nkumba*.

156287 to 156356. *SORGHUM VULGARE* Pers.

From Northern Rhodesia.

156287 to 156293. Near Tunduma. CN. May 12.

156287. No. 1317.

156291. No. 1321.

156288. No. 1318.

156292. No. 1322.

156289. No. 1319.

156293. No. 1323.

156290. No. 1320.

156294 to 156304. Near Abercorn. May 13.

156294. No. 1324. *Chifungo*.

156295. No. 1325. *Sah*.

156110 to 156528—Continued

156296. No. 1326. *Sali*.
156297. No. 1327. *Sonkwe*. GN.
156298. No. 1328. *Sonkwe*. GN.
156299. No. 1328A. *Sali*. GN.
156300. No. 1328B. *Kawali*. GN.
156301. No. 1329. *Nkona*. Twin-seeded. GN.
156302. No. 1330. *Nampundu*. Twin-seeded. SW.
156303. No. 1331. *Sali*. GB, SW.
156304. No. 1332. *Sali*. GB, SW.
156305 to 156317. Near Lunzua. May 14.
156305. No. 1334. *Masaka*. GN.
156306. No. 1335. *Masaka*.
156307. No. 1336. *Masaka*.
156308. No. 1337. *Masaka*.
156309. No. 1338. Twin-seeded. GN.
156310. No. 1339. *Sonkwe*.
156311. No. 1340. *Sonkwe*.
156312. No. 1341. *Sonkwe*.
156313. No. 1342. *Sonkwe*.
156314. No. 1343. *Sonkwe*.
156315. No. 1344. *Sonkwe*.
156316. No. 1345. *Sonkwe*.
156317. No. 1346. SW.
156318 to 156332. From the Senga people, near Polombwe.
156318. No. 1347. *Kanchebele*. Early. GN.
156319. No. 1348. *Watunda*. Late. GN.
156320. No. 1349. *Sumbu*. Pink, long-awned.
156321. No. 1349B. *Sumbu*. Pink, medium-awned. GN.
156322. No. 1349C. *Sumbu*. Pink, awnless.
156323. No. 1350. *Nampundu*. White, twin-seeded. GN.
156324. No. 1351. *Misali Ya Matete*. Perennial. SW.
156325. No. 1352. *Chimbowe*. Perennial. SW.
156326. No. 1353. *Chimpamba*. White, perennial. GN.
156327. No. 1354. *Masaka*. Hairy, awnless. GN.
156328. No. 1354B. *Masaka*. Awned. GN.
156329. No. 1354C. *Masaka*. Awnless. GN.
156330. No. 1355. *Kapupu*. Good stooling, perennial. GN.
156331. No. 1356. *Kamunde Chawama*. GB.
156332. No. 1357. *Kanchebele*. GN.
156333. No. 1358. Originally from the Union of South Africa.
156334. No. 1359. Near Mpulungu. GN. May 14.
156335. No. 1360. Near Senga Hill. GB. May 15.

156110 to 156528—Continued

156336. No. 1361. Near Senga Hill. Twin-seeded, GB.

156337. No. 1362. Near Kapatu Mission. GN.

156338. No. 1363. Near Kapatu Mission. GN.

156339. No. 1364. *Masaka*. From 10 miles west of Mporokoso. GN.
May 16.

156340. No. 1365. Near Chimpempe Mission. GN.

156341. No. 1366. *Fisali*. Chimpempe Mission. Perennial, SW.

156342 to 156346. Near Johnston Falls.

156342. No. 1369. GB.

156345. No. 1372. GN. May 18.

156343. No. 1370. SW.

156346. No. 1373. GN.

156344. No. 1371. *Sonkwe*. GN.

156347 to 156349. Near Fort Rosebery. May 20.

156347. No. 1374. GN.

156348. No. 1375. GN.

156349. No. 1376. GB.

156350 to 156352. Near Kasama. May 21.

156350. No. 1377. GN.

156351. No. 1378. SW.

156352. No. 1379. GN.

156353 to 156356. Near Mbesuma.

156353. No. 1380. *Masaka*. GN.

156355. No. 1382. *Masaka*.

156354. No. 1381. *Masaka*.

156356. No. 1383. *Sonkwe*. GN.

156357 to 156528. From Tanganyika.

156357 to 156397. *SORGHUM VULGARE* Pers.

156357 to 156361. Near Isoka. May 22.

156357. No. 1384. GN.

156360. No. 1387. GN.

156358. No. 1385. GN.

156361. No. 1388. GB.

156359. No. 1386. GN.

156362 to 156373. Near Tunduma.

156362. No. 1389. GN.

156363. No. 1390. GN.

156364. No. 1391. GN.

156365. No. 1392. GN.

156366. No. 1393.

156367. No. 1394. GN.

156368. No. 1395. SW.

156369. No. 1396. SW.

156370. No. 1397. GN.

156371. No. 1398. GN.

156372. No. 1399. Twin-seeded.

156373. No. 1400. Twin-seeded. SW.

156110 to 156528—Continued

156374 to 156378. Near Mbeya. May 25.

156374. No. 1401. *Tokatock*. Hybrid.

156375. No. 1402. GN.

156376. No. 1403. *Badua*. GN.

156377. No. 1404. GN.

156378. No. 1405. Late. GN.

156379 to 156390. Near Mbeya.

156379. No. 1410. GN.

156380. No. 1411. Red. GN.

156381. No. 1412. *Ualaizy*. GN.156382. No. 1413. *Ualaizy*. Hairy-glumed.

156383. No. 1414. GN.

156384. No. 1415. GN.

156385. No. 1416. GN.

156386. No. 1417. GN.

156387. No. 1418. GN.

156388. No. 1419. *Savala*. GN.156389. No. 1420. *Hukata*. GN.

156390. No. 1421. GN.

156391 to 156397. Near Iringa. May 29.

156391. No. 1425. GN.

156395. No. 1429. GN.

156392. No. 1426. GN.

156396. No. 1430. *Mindiri*.

156393. No. 1427. GN.

156397. No. 1431. *Sanyangay*.

156394. No. 1428. SW.

156398. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1432. From 60 miles north of Iringa.

156399. *SORGHUM*.

No. 1433. From 60 miles north of Iringa.

156400 to 156466. *SORGHUM VULGARE* Pers.

156400 to 156408. Near Iringa.

156400. No. 1434. GN.

156401. No. 1435. GB.

156402. No. 1436. GB, SW.

156403. No. 1437. *Sanda*.156404. No. 1438. *Hemba Hemba*. SW.156405. No. 1439. *Sanyagie*. SW.156406. No. 1440. *Mukumbugua*.

156407. No. 1441. GN.

156408. No. 1442. GN.

156409 to 156417. Near Dodoma. May 30.

156409. No. 1443.

156110 to 156528—Continued

156410. No. 1444. 156414. No. 1448.
156411. No. 1445. 156415. No. 1449. *Rugugu.*
156412. No. 1446. 156416. No. 1450.
156413. No. 1447. 156417. No. 1452. GN.
- 156418 to 156431. Near Kondoa Irangi.
156418. No. 1453. *Loho.*
156419. No. 1454. *Odu.*
156420. No. 1455. *Uhemba.*
156421. No. 1456. *Luhu.*
156422. No. 1457. *Uto.* SW.
156423. No. 1458. *Iswa.* SW.
156424. No. 1459. *Movari.* GB.
156425. No. 1460. GN.
156426. No. 1461. GB.
156427. No. 1462. *Upemba.* GB.
156428. No. 1463. *Bewa.*
156429. No. 1464. *Hudo.*
156430. No. 1465. *Langa Langa.*
156431. No. 1466. GB.
156432. No. 1467. *Hudo.* From 19 miles north of Kolo.
156433. No. 1468. *Kirangase.* GB. May 31.
156434. No. 1469. *Mongoret.* Near Ndareda.
- 156435 to 156442. From 28 miles northeast of Singida.
156435. No. 1470. *Opemba Nonpha.*
156436. No. 1471. *Tora.*
156437. No. 1472. *Pemba.*
156438. No. 1473. *Langa Langa.*
156439. No. 1474. *Solu.*
156440. No. 1475.
156441. No. 1476.
156442. No. 1477.
- 156443 to 156449. Near Singida. June 1.
156443. No. 1478.
156444. No. 1479. *Solu.*
156445. No. 1480. *Langa Langa.*
156446. No. 1481. *Mwelu.*
156447. No. 1482. *Kanbolya.*
156448. No. 1483. *Mgalima.*
156449. No. 1484. *Ngolongo Muelupe.* SW.
- 156450 to 156466. Iguguno farm near Kinyangiri.
156450. No. 1485. *Mwelu.*
156451. No. 1487. *Suliyu.*

156110 to 156528—Continued

156452. No. 1488. *Mgalima*.
 156453. No. 1488A.
 156454. No. 1489. *Nkolongo Pumbu la Mpoku*.
 156455. No. 1490. *Mkombi Lila*. SW.
 156456. No. 1491. *Nkolongo Hyonio la Ngaa*.
 156457. No. 1491A.
 156458. No. 1492. *Muleta*.
 156459. No. 1493. *Ikakela*.
 156460. No. 1493A.
 156461. No. 1494. *Mpala*.
 156462. No. 1495. *Kilima Musimbi*.
 156463. No. 1496. GB.
 156464. No. 1497. SW.
 156465. No. 1498. *Nkolongo*.
 156466. No. 1499. Twin-seeded.

156467. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1500. *Magugu*. Iguguno farm near Kinyangiri.

156468 to 156528. *SORGHUM VULGARE* Pers.

156468 to 156486. Near Kinyangiri.

156468. No. 1501. *Katembe*.
 156469. No. 1502. *Kiaka*.
 156470. No. 1503. *Welu*.
 156471. No. 1504. *Mpala We Kundu*.
 156472. No. 1505. *Mihu*.
 156473. No. 1506. *Nkolongo Tupa*.
 156474. No. 1506A.
 156475. No. 1507. *Nkolongo Tupa*.
 156476. No. 1508. *Katembe*.
 156477. No. 1509. *Nusute Suligu*.
 156478. No. 1510. *Nkasa*.
 156479. No. 1511. *Mwelu*.
 156480. No. 1512. *Matudi Mangombe*.
 156481. No. 1513. *Mpala*.
 156482. No. 1514. *Mwelu*.
 156483. No. 1515.
 156484. No. 1516. *Langa Langa*.
 156485. No. 1517. *Kikuna Nizila*. GN.
 156486. No. 1518. *Mwita*. GN.

156487 to 156490. Near Itigi. June 2.

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| 156487. No. 1519. | 156489. No. 1521. GN. |
| 156488. No. 1520. | 156490. No. 1522. <i>Opemba</i> . SW. |

156110 to 156528—Continued

156491 to 156504. Mwanhala. June 5.

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| 156491. No. 1523. GN. | 156498. No. 1530. <i>Kagiri</i> . |
| 156492. No. 1524. <i>Magohe</i> . GN. | 156499. No. 1531. <i>Kagiri</i> . GN. |
| 156493. No. 1525. <i>Magohe</i> . GN. | 156500. No. 1532. <i>Kagiri</i> . GN. |
| 156494. No. 1526. <i>Magohe</i> . GN. | 156501. No. 1533. <i>Kagiri</i> . GN. |
| 156495. No. 1527. <i>Magohe</i> . GN. | 156502. No. 1534. <i>Kagiri</i> . GN. |
| 156496. No. 1528. <i>Magohe</i> . GN. | 156503. No. 1535. <i>Kagiri</i> . GN. |
| 156497. No. 1529. <i>Magohe</i> . GN. | 156504. No. 1536. SW. |

156505. No. 1537. North of Nzega. GN.

156506 to 156512. Near Shinango. June 6.

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| 156506. No. 1538. <i>Wilu Wa Makaki</i> . GB. |
| 156507. No. 1539. <i>Bukula</i> . Red. GN. |
| 156508. No. 1540. GN. |
| 156509. No. 1541. GN. |
| 156510. No. 1542. GB. |
| 156511. No. 1543. GN. |
| 156512. No. 1544. GN. |

156513 to 156519. From 25 miles east of Mwanza. GN. June 7.

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| 156513. No. 1545. | 156517. No. 1548. |
| 156514. No. 1545A. | 156518. No. 1549. |
| 156515. No. 1546. | 156519. No. 1550. |
| 156516. No. 1547. | |

156520 to 156525. Near Musoma. GN. June 7.

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| 156520. No. 1551. | 156523. No. 1555. |
| 156521. No. 1552. Twin-seeded. | 156524. No. 1556. |
| 156522. No. 1553. | 156525. No. 1557. |

156526. No. 1558. Near Tarime. GN. June 8.

156527. No. 1559. Near Tarime. GN.

156528. No. 1579.

156529 to 156549.

From Southern Rhodesia. Seeds presented by the Director, Department of Agriculture, Salisbury. Received Aug. 20, 1946.

Material is from Southern Rhodesia unless otherwise mentioned.

156529. BRACHIARIA DICTYONEURA (Fig. & De Not.) Stapf. Poaceae.

156530 and 156531. CHLORIS GAYANA Kunth. Poaceae. **Rhodes grass.**156530. *Giant Rhodes Grass*.156531. *Hunyani Grass*.

156532. CROTALARIA sp. Fabaceae.

Vkara Island. From *Vkara Island*, Lake Victoria Nyanza, Tanganyika.

156529 to 156549—Continued

156533. CROTALARIA DILLONIANA Baker.

156534. CROTALARIA RECTA A. Rich.

156535. CROTALARIA sp.

156536. GLYCINE JAVANICA L. Fabaceae.

156537. INDIGOFERA ENDECAPHYLLA Jacq. Fabaceae.

Indigo.

156538. INDIGOFERA HIRSUTA L.

156539. INDIGOFERA THEUSCHII O. Hoffm.

156540. PANICUM COLORATUM L. Poaceae.

156541 to 156545. PANICUM MAXIMUM Jacq.

Guinea grass.

156541. *Common Buffel.*156544. *Purple Top Buffel.*156542. *Red Top Buffel.*156545. *Coarse Guinea.*156543. *Fine Guinea.*

156546. PENNISETUM CILIARE (L.) Link. Poaceae.

156547. SETARIA LONGISETA Beauv. Poaceae.

156548. SETARIA SPENDIDA Stapf.

156549. SORGHUM ARUNDINACEUM (Willd.) Stapf. Poaceae.

156550. PUERARIA PHASEOLOIDES (Roxb.) Benth. Fabaceae.

From India. Seeds presented by W. F. Dickson, Agricultural Adviser, Office of the Commissioner, New Delhi. Received Sept. 25, 1946.

Collected in Ceylon.

156551 to 156554.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received Sept. 25, 1946.

156551. (Undetermined.)

T. M. 1325.

156552. RUBUS sp. Rosaceae.

T. M. 856. A blackberry with large drupelets.

156553. RUBUS sp.

T. M. 1315. A reddish blackberry.

156554. RUBUS sp.

T. M. 1431. A black raspberry.

156555 to 156617. EUCALYPTUS spp. Myrtaceae.

From Guatemala. Seeds presented by William C. Davis, Director, Instituto Agropecuario Nacional, Guatemala City. Received Sept. 19, 1946.

156555. EUCALYPTUS TRIANTHA Link.

No. 564.

156556. EUCALYPTUS AFFINIS Deane & Maiden.

No. 563.

156557. EUCALYPTUS BOTRYOIDES J. E. Smith.

No. 565.

156558. EUCALYPTUS CALOPHYLLA Lindl.

No. 566.

156555 to 156617—Continued

156559. *EUCALYPTUS CAMALDULENSIS* Dehnh.

No. 598.

156560. *EUCALYPTUS CINEREA* F. Muell.

No. 567.

156561. *EUCALYPTUS CLADOCALYX* F. Muell.

No. 570.

156562. *EUCALYPTUS DEALBATA* A. Cunn.

No. 571.

156563. *EUCALYPTUS DIVERSICOLOR* F. Muell.

No. 568.

156564. *EUCALYPTUS EXIMIA* Schauer.

No. 574.

156565. *EUCALYPTUS FICIFOLIA* F. Muell.

No. 575.

156566. *EUCALYPTUS GLOBULUS* Labill.

Blue gum.

No. 577.

156567. *EUCALYPTUS HEMIPHLOIA* var. *ALBENS* (Miq.) F. Muell.

No. 562.

156568. *EUCALYPTUS HEMIPHLOIA* F. Muell.

No. 573.

156569. *EUCALYPTUS KIRTONIANA* F. Muell.

No. 580.

156570. *EUCALYPTUS LONGIFOLIA* Link.

No. 582.

156571. *EUCALYPTUS MACARTHURI* Deane & Maiden.

No. 584.

156572. *EUCALYPTUS MACROBRYNCHA* F. Muell.

No. 583.

156573. *EUCALYPTUS MACULATA* Hook.

No. 585.

156574. *EUCALYPTUS MACULOSA* R. T. Baker.

No. 581.

156575. *EUCALYPTUS MAIDENI* F. Muell.

No. 586.

156576. *EUCALYPTUS MICROCORYS* F. Muell.

No. 589.

156577. *EUCALYPTUS MICROPHYLLA* Willd.

No. 590.

156578. *EUCALYPTUS PANICULATA* J. E. Smith.

No. 591.

156579. *EUCALYPTUS PAUCIFLORA* Sieber.

No. 589.

156555 to 156617—Continued

156580. EUCALYPTUS PILULARIS J. E. Smith.

No. 593.

156581. EUCALYPTUS PIPERITA J. E. Smith.

No. 594.

156582. EUCALYPTUS POPULIFOLIA Desf.

No. 595.

156583. EUCALYPTUS PUNCTATA DC.

No. 576.

156584. EUCALYPTUS RADIATA Sieb.

No. 592.

156585. EUCALYPTUS RESINIFERA J. E. Smith.

No. 597.

156586. EUCALYPTUS ROBUSTA J. E. Smith.

No. 599.

156587. EUCALYPTUS SALIGNA J. E. Smith.

No. 601.

156588. EUCALYPTUS SIDEROPHLOIA Benth.

No. 602.

156589. EUCALYPTUS SIDEROXYLON A. Cunn.

No. 603.

156590. EUCALYPTUS SPATHULATA Hook.

No. 605.

156591. EUCALYPTUS STRICTA Sieb.

No. 606.

156592. EUCALYPTUS STUARTIANA F. Muell.

No. 607.

156593. EUCALYPTUS UMBRA R. T. Baker.

No. 609.

156594. EUCALYPTUS VIMINALIS Labill.

No. 610.

156595. EUCALYPTUS sp.

No. 572.

156596. EUCALYPTUS sp.

No. 579. Jarrah.

156597. EUCALYPTUS sp.

No. 608.

156598. EUCALYPTUS sp.

No. 611.

156599. EUCALYPTUS sp.

No. 612.

156600. EUCALYPTUS sp.

No. 613.

Tasmanian stringybark.

Broadleaf ironback.

156555 to 156617—Continued156601. *EUCALYPTUS* sp.

No. 614.

156602. *EUCALYPTUS* sp.

No. 615.

156603. *EUCALYPTUS* sp.

No. 616.

156604. *EUCALYPTUS* sp.

No. 617.

156605. *EUCALYPTUS* sp.

No. 618.

156606. *EUCALYPTUS* sp.

No. 619.

156607. *EUCALYPTUS* sp.

No. 620.

156608. *EUCALYPTUS* sp.

No. 621.

156609. *EUCALYPTUS* sp.

No. 622.

156610. *EUCALYPTUS* sp.

No. 623.

156611. *EUCALYPTUS* sp.

No. 624.

156612. *EUCALYPTUS* sp.

No. 627.

156613. *EUCALYPTUS* sp.

No. 628.

156614. *EUCALYPTUS* sp.

No. 629.

156615. *EUCALYPTUS* sp.

No. 631.

156616. *EUCALYPTUS* sp.

No. 633.

156617. *EUCALYPTUS* sp.

No. 634.

156618. SESAMUM INDICUM L. Pedaliaceae.**Sesame.**

From China. Seeds presented by the Division of Fruit and Vegetable Crops and Diseases, Plant Industry Station, Beltsville, Md. Received Aug. 28, 1946.

A white-seeded form collected at Tientsin by Dr. H. L. Crane, of the above Division.

156619. GEOGENANTHUS sp. Commelinaceae.

From Peru. Plant obtained from the Estación Experimental Agrícola, Tingo Maria, through Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 14, 1946.

156620 to 156631.

From Siberia. Seeds presented by the Salekhard Experiment Station, through the Office of Foreign Agricultural Relations, Washington, D. C. Received Oct. 7, 1946.

156620. AGROSTIS ALBA L. Poaceae. **Redtop.**

No. 5. *Polevitsa Belaya*.

156621. AVENA SATIVA L. Poaceae. **Oats.**

No. 6. *Tenna*.

156622 and 156623. BRASSICA RAPA L. Brassicaceae. **Turnip.**

156622. No. 8. *Bortfeldski*.

156623. No. 9. *Osterzundski*.

156624. CALAMOGROSTIS LAPPONICA (Wahl.) Hartm. Poaceae.

No. 10. *Veinik*.

156625. DESCHAMPSIA CAESPITOSA (L.) Beauv. Poaceae.

No. 4. *Lugovik*.

156626 to 156628. HORDEUM VULGARE L. Poaceae. **Barley.**

156626. No. 7. *Kholt*.

156627. No. 11. *Olli*.

156628. No. 12. *K-2/14*.

156629. PHALARIS ARUNDINACEA L. Poaceae. **Reed canary grass.**

No. 2. *Kanareechnik*.

156630. POA PALUSTRIS L. Poaceae.

No. 3. *Myatlik bolotni*.

156631. POA PRATENSIS L.

No. 1. *Myatlik lugovoi*.

156632. SACCHARUM. Poaceae. **Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Cane Experiment Stations, Brisbane, Queensland. Received Oct. 15, 1946.

Q-2.

156633 to 156641.

From Japan. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 21, 1946.

Collected in Japan by S. C. Salmon, of the above Division.

156633. AVENA SATIVA L. Poaceae. **Oats.**

Heterozygous fatuoides from variety *Aurora*.

156634 to 156641. TRITICUM AESTIVUM L. Poaceae. **Common wheat.**

156634. *A-Dwarf*.

156638. *E-Dwarf*.

156635. *B-Dwarf*.

156639. *F-Dwarf*.

156636. *C-Dwarf*.

156640. *G-Dwarf*.

156637. *D-Dwarf*.

156641. *Norin No. 10*.

156642 and 156643. ELAEIS GUINEENSIS Jacq. Phoenicaceae.

Oil palm.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 14, 1946.

156642. *Tenera* × *Dura*.

156643. *Dura* × *Pisifera*.

156644. IRIS sp. Iridaceae.

From Nyasaland. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Collected near Fort Hill; possibly an escape.

156645. CARICA PAPAYA L. Papayaceae.**Papaya.**

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received Oct. 24, 1946.

T.M. 1451.

156646. CITRUS LIMON (L.) Burm. f. Rutaceae.**Lemon.**

From Northern Rhodesia. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Portuguese lemon, 4 by 6 inches.

156647 and 156648. PISUM SATIVUM L. Fabaceae.**Pea.**

From Africa. Seeds presented by S. A. Samarengo, Asmara, Eritrea. Received Oct. 18, 1946.

156647. *Hamasiensis*. Native name *Ain Ater*. Altitude 2,000 to 2,500 m.

156648. *Gondar*. Native name *Ater*. Altitude 2,300 to 2,700 m.

156649. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by Aldao, Mantaras, & Castells, Ltda., Montevideo. Received Oct. 28, 1946.

156650 to 156663.

From Siberia. Seeds obtained by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 4, 1946.

156650 to 156652. AVENA SATIVA L. Poaceae.**Oats.**

156650. *Tulun 86/5*. Tulun Selection Station.

156651. *Tulun 86/5*. Sretensk Experiment Station.

156652. *Sakhalin No. 31*. Sakhalin Experiment Station.

156653 to 156659. HORDEUM VULGARE L. Poaceae.**Barley.**

156653. *Viner (Winner)*. Sakhalin Experiment Station.

156654. *Chervonets*. Kamalinsk State Selection Station.

156655 to 156659. From the Tulun Selection Station.

156655. *No. 1411/5*.

156658. *No. 231.37*.

156656. *Zalarinets*.

156659. *No. 741*.

156657. *Tselest*.

156660. SECALE CEREALE L. Poaceae.**Rye.**

Sakhalin. Sakhalin Experiment Station.

156661 to 156663. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

156661. *Lutestsens No. 22*. Spring wheat, Sakhalin Experiment Station.

156662. *Sakhalin No. 10*. Sakhalin Experiment Station.

156663. *Lutestsens No. 34*. Sakhalin Experiment Station.

156664 to 156668. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by the Escuela de Agronomía, San Antonio, Salto. Received Oct. 7, 1946.

156664 to 156668—Continued

156664. *Aceitero Chico de la Zona.* 156667. *Spanish 0344.*156665. *Imperial Spanish.* 156668. *Valencia.*156666. *Small Spanish.*156669 to 156671. *PHASEOLUS* spp. Fabaceae.

From Bolivia. Seeds presented by Humberto Gandarillas, Cochabamba. Received Oct. 8, 1946.

156669. *PHASEOLUS LUNATUS* L. Lima bean.

No. 30a.

156670 and 156671. *PHASEOLUS VULGARIS* L. Common bean.

156670. No. 30.

156671. No. 24.

156672 to 156676. *SORGHUM VULGARE* Pers. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 10, 1946.

156672. *Muemba.* Kitui District, Central Province, Kenya.

156673. No. 1302. Nyasaland.

156674. No. 1451. *Baru.* Tanganyika.

156675. (No notes.)

156676. (No notes.)

156677 and 156678. *PINUS* spp. Pinaceae.

From the Netherlands. Seeds presented by G. Verkuil, Maarssen. Received Oct. 1, 1946.

156677. *PINUS PINASTER* Ait.

Cluster pine.

156678. *PINUS SYLVESTRIS* L.

Scotch pine.

156679 to 156699. *SORGHUM VULGARE* Pers. Poaceae.

From Kenya. Seeds obtained from the American Consulate General, Nairobi. Received Oct. 15, 1946.

Collected from the Nsoza District. Selection numbers listed.

156679. No. 1. 156690. No. 9.

156680. No. 2. 156691. No. 12.

156681. No. 3. 156692. No. 14.

156682. No. 4/7a. 156693. No. 16.

156683. No. 4/7b. 156694. No. 17a.

156684. No. 4/7c. 156695. No. 17b.

156685. No. 5. 156696. No. 17c.

156686. No. 6a. 156697. *Chifungue.*156687. No. 6b. 156698. *Chilunsa.*

156688. No. 6c. 156699. Sweet-stemmed.

156689. No. 8.

156700 to 156727.

From Japan. Seeds obtained by E. B. Coffman, Natural Resources Section, GHQ, SCAP, Tokyo. Received Oct. 4, 1946.

156700. *BETA VULGARIS* L. Chenopodiaceae. Beet.*Fire Ball.*

156700 to 156727—Continued

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| 156701 to 156704. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. | Cabbage. |
| 156701. Copenhagen Market. | 156703. Sapporo-Otama. |
| 156702. Golden Acre. | 156704. Succession. |
| 156705 and 156706. BRASSICA RAPA L. | Turnip. |
| 156705. Golden Ball. | |
| 156706. Purple Top White Globe. | |
| 156707. CICHORIUM INTYBUS L. Cichoriaceae. | Chicory. |
| Whitloof. | |
| 156708 to 156710. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. | Squash. |
| 156708. Akakawa Amakuri. | |
| 156709. Kurokawa. | |
| 156710. Nakamura Wase. | |
| 156711 to 156713. DAUCUS CAROTA L. Apiaceae. | Carrot. |
| 156711. Early Chantenay. | |
| 156712. Sapporo Futo (Senko Futo.) | |
| 156713. Sapporo Futo. | |
| 156714 and 156715. LACTUCA SATIVA L. Cichoriaceae. | Lettuce. |
| 156714. Early Spring. | |
| 156715. Wayahead. | |
| 156716 to 156718. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| 156716. Break O'Day. | |
| 156717. Fruit. | |
| 156718. Marglobe. | |
| 156719 and 156720. PISUM SATIVUM L. Fabaceae. | Pea. |
| 156719. Dwarf De Grace. | |
| 156720. Thirty-Days. | |
| 156721 to 156723. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| 156721. Non Plus Ultra. | |
| 156722. Rapid Red. | |
| 156723. White Icicle. | |
| 156724 to 156727. SPINACIA OLERACEA L. Chenopodiaceae. | Spinach. |
| 156724. Giant Nobel. | 156726. Ministerland. |
| 156725. Hollandia. | 156727. Viroflay. |
| 156728 to 156740. SORGHUM VULGARE Pers. Poaceae. | |
- From Tanganyika. Seeds presented by the Department of Agriculture, Mwanza, Lake Province. Received Oct. 18, 1946.
- Collected from the Kwimba District.
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| 156728. No. 1. Igigo Lya Ng'ombe. | 156733. No. 6. Boya Gagi. |
| 156729. No. 2. Machimu. | 156734. No. 7. Kabili. Red. |
| 156730. No. 3. Kandi. | 156735. No. 8. Kabili. White. |
| 156731. No. 4. Mwanankwimba. | 156736. No. 9. Nghone Ya Shishi. |
| 156732. No. 5. Wiru Boya. | 156737. No. 10. Ngholonge Tembe. |

156728 to 156740—Continued156738. No. 11. *Bambale*.156740. No. 13. *Ngolya*.156739. No. 12. *Ngholongo*.**156741. CITRUS AURANTIFOLIA** (Christm.) Swingle. Rutaceae. **Lime.**

From Palestine. Seeds presented by the Agriculture Experiment Station, Rehovoth.
Received Oct. 21, 1946.

*Egyptian Lime.***156742. LYCOPERSICON ESCULENTUM** var. *CERASIFORME* (Dun.) A. Gray. Solanaceae.

From Colombia. Seeds presented by Dr. Enrique Mosquera Wallace, Popayán.
Received Nov. 1, 1946.

156743. HYOSCYAMUS MUTICUS L. Solanaceae.

From Egypt. Seeds presented by the Commercial Attaché, American Embassy,
Alexandria. Received Oct. 24, 1946.

*Egyptian Henbane.***156744 to 156746.**

From Belgium. Plants presented by H. Stanissoul, Brussels. Received Nov. 7, 1946.

156744 and 156745. *FRAGARIA*. Rosaceae.**Strawberry.**156744. *Johann Muller*.156745. *Muscade*.156746. *SALIX BABYLONICA* var. *CRISPA* Loud. Salicaceae.**Weeping willow.****156747 to 156793.**

From Japan. Seeds presented by E. B. Coffman, Natural Resources Section, GHQ,
SCAP, Tokyo. Received Oct. 7, 1946.

156747 and 156748. *AGERATUM HOUSTONIANUM* Mill. Asteraceae.156747. *Tom Thumb - Blue Cup*.156748. *Tom Thumb - Fire Queen*.156749 and 156750. *AMARANTHUS TRICOLOR* L. Amaranthaceae.156749. *Molten Fire*.

156750. (No notes.)

156751. *ANCHUSA ITALICA* Retz. Boraginaceae.156752. *AQUILEGIA* sp. Ranunculaceae.156753. *ARCTOTIS STOECHADIFOLIA* Bergius. Asteraceae.156754. *BRACHYCOME IBERIDIFOLIA* Benth. Asteraceae.**Swan-river-daisy.**156755. *CALENDULA OFFICINALIS* L. Asteraceae.**Pot marigold.**

Double mixed.

156756. *CALLISTEPHUS CHINENSIS* (L.) Nees. Asteraceae.**China aster.**

Tall single and double, mixed.

156757. *CENTAUREA CYANUS* L. Asteraceae.**Cornflower.**

Tall double, mixed.

156758 to 156760. *CHRYSANTHEMUM MAXIMUM* Ramond. Asteraceae.**Shasta daisy.**156758. *The Sparkler*.156759. *Alasca*.156760. *Hybrida*.

156747 to 156793—Continued

- 156761 and 156762. *COSMOS BIPINNATUS* Cav. Asteraceae.
 156761. *Sensation*.
 156762. Early double, mixed.
156763. *DIANTHUS BARBATUS* L. Silenaceae. Sweet-william.
 Single, mixed.
156764. *GYPHOPHILA ELEGANS* Bieb. Silenaceae.
 Large, white.
156765. *HELICHRYSUM BRACTEATUM* (Vent.) Willd. Asteraceae.
Golden.
156766. *HESPERIS MATRONALIS* L. Brassicaceae. Sweet-rocket.
156767. *IBERIS AMARA* L. Brassicaceae. Candytuft.
Little Prince.
156768. *IMPATIENS BALSAMINA* L. Impatiensaceae. Garden balsam.
 Single, mixed.
156769. *KOCHIA TRICHOPHYLLA* Stapf. Chenopodiaceae. Summer cypress.
Christmas Red.
156770. *LINARIA MAROCCANA* Hook. f. Scrophulariaceae.
Fairy Bouquet.
156771. *LINUM GRANDIFLORUM* Desf. Linaceae. Flowering flax.
Red.
156772. *LUPINUS POLYPHYLLUS* Lindl. Fabaceae. Washington lupine.
Russell.
156773. *PAPAVER ORIENTALE* L. Papaveraceae. Oriental poppy.
Scarlet.
- 156774 to 156779. *PHLOX DRUMMONDII* Hook. Polemoniaceae.
156774. *Kocshinia*. 156777. *Isabellina*.
 156775. *Star*. 156778. *Primrose*.
 156776. *Splendence*. 156779. White, with eye.
156780. *RESEDA ODORATA* L. Resedaceae. Mignonette.
 Large, golden flowers.
- 156781 and 156782. *SALVIA SPLENDENS* Ker. Menthaceae. Scarlet sage.
 156781. *Fire Ball*.
 156782. *Scarlet Rocket*.
156783. *SAPONARIA VACCARIA* L. Silenaceae.
156784. *SCABIOSA ATROPURPUREA* L. Dipsacaceae.
Dwarf. Received as *Scabiosa atrosanguinea*, an apparently unpublished name.
156785. *SCHIZANTHUS*. Solanaceae.
Schizanthus pinnatus × *grahamii*.
156786. *TAGETES ERECTA* L. Asteraceae. Marigold.
Supreme Mix.
- 156787 to 156791. *ZINNIA ELEGANS* Jacq. Asteraceae.
156787. Double flowered, mixed.
156788. *Navajo*.

156747 to 156793—Continued

- 156789. *Scarlet*.
- 156790. *Scarlet Flame*. Double-flowered.
- 156791. Mixed.
- 156792. *ZINNIA* sp.
Single, mixed.
- 156793. *ZINNIA* sp.
Double, mixed.

156794 to 156811.

From eastern Africa. Seeds presented by the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Collected by C. O. Grassl, of the above Division.

- 156794. *ANDROPOGON* sp. Poaceae.
No. 1423. Near Malangali, Tanganyika.
- 156795. *ARUNDINELLA* sp. Poaceae.
No. 1424. Near Malangali, Tanganyika.
- 156796. *CLEISTACHNE* sp. Poaceae.
No. 836. Near Choma, Northern Rhodesia.
- 156797. *CLEISTACHNE* sp.
No. 908. Near Kafue Ferry, Northern Rhodesia.
- 156798. *MISCANTHIDIUM* sp. Poaceae.
No. 853. South of Kalomo, Northern Rhodesia.
- 156799. *MISCANTHIDIUM* sp.
No. 1368. West of Kawamba on Mbershi River, Northern Rhodesia.
- 156800 to 156804. *SORGHUM BIPENNATUM* (Hack.) Kuntze. Poaceae.
 - 156800. No. 814. From 68 miles north of Broken Hill, Northern Rhodesia.
 - 156801. No. 833. From 13 miles south of Mazabuka, Northern Rhodesia.
 - 156802. No. 873. Near Muzoka, Northern Rhodesia.
 - 156803. No. 1080. From 26 miles northwest of Dedza, Nyasaland.
 - 156804. No. 1554. Near Musoma, Tanganyika.
- 156805. *SORGHUM PURPUREO-SERICEUM* (Hochst.) Aschers. & Schweinf.
No. 779. Essimigor-Makayioni Plain, Tanganyika.
- 156806. *SORGHUM VERSICOLOR* Anderss.
No. 780. Near Malangali, Tanganyika.
- 156807. *SORGHUM* sp.
No. 1422. Near Malangali, Tanganyika.
- 156808. *SORGHUM* sp.
No. 1175. Near Fundis crossroads, Nyasaland.
- 156809. *SORGHUM* sp.
No. 1333. From Kawimbo Danibo, Northern Rhodesia.
- 156810. *TRICHOPTERYX* sp. Poaceae.
No. 1367. Chimpempe Mission, Northern Rhodesia.
- 156811. *VETIVERIA* sp. Poaceae.
No. 804. From 39 miles south of Broken Hill, Northern Rhodesia.

156812 to 156817.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 29, 1946.

156812. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

Nsele No. 10.

156813. CUCUMIS SATIVUS L. **Cucumber.**

Concombre No. 25.

156814. CUCURBITA sp. Cucurbitaceae.

Libake No. 7.

156815. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae. **Calabash gourd.**

Mbeke No. 5.

156816. PHASEOLUS ANGULARIS (Willd.) W. F. Wight. Fabaceae. **Adsuki bean.**

No. 3.

156817. ZEA MAYS L. Poaceae. **Corn.**

No. 18. 158/2-54/1.

156818. ERAGROSTIS CURVULA var. CONFERTA Nees. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Nov. 1, 1946.

156819 and 156820. SOLANUM sp. Solanaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received Sept. 25, 1946.

156819. T. M. 1314. *Cocona.*

156820. T. M. 1316. *Cocona.*

156821 and 156822. SESAMUM. Pedaliaceae. **Sesame.**

From India. Seeds presented by the Imperial Council of Agricultural Research, New Delhi. Received Nov. 1, 1946.

156821. No. 41.

156822. No. 128.

156823. ZEA MAYS L. Poaceae. **Corn.**

From Ecuador. Seeds presented by Cristobal Ruiz, Quito. Received Nov. 4, 1946.

Canguil.

156824 to 156826.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Nov. 4, 1946.

156824 and 156825. LUPINUS ANGUSTIFOLIUS L. Fabaceae.

156824. *New Zealand Lupine.*

156825. *Sweet Blue Lupine.*

156826. LUPINUS LUTEUS L. **European yellow lupine.**

Sweet Yellow Lupine.

156827 to 156852. PHASEOLUS spp. Fabaceae.

From Mexico. Seeds presented by R. C. West, Mexico, D. F. Received Nov. 8, 1946.

A collection of beans from the State of Michoacán.

156827 and 156828. PHASEOLUS COCCINEUS L. **Scarlet runner bean.**

156827. *Kokox.* Zipiajo.

156827 to 156852—Continued156828. *Kokox*. Tirundaro.**156829 to 156852. PHASEOLUS VULGARIS L.****Common bean.**156829. *Bayo*. Tzintzuntzan.156830. *Bayo Chico*. Zipiajo.156831. *Bayo Grande*. Naranja.156832. *Blanco*. Urapicho.156833. *Bolita*. Tzintzuntzan.156834. *Colorado*. Sicuicho.156835. *Cuarenteno*. Tirindaro.156836. *Encerrado*. Acachuen.156837. *Encerrado*. Brown. Zurumucapio.156838. *Higuirilla*. Atapán.156839. *Higuirilla*. Huanique.156840. *Jaboncillo*. Tzintzuntzan.156841. *Karanjari*. Turicuaro.156842. *Mexicano*. Tancitaro.156843. *Parrateno*. Huaniqueo.156844. *Parrateno*. Tzintzuntzan.156845. *Petrona*. Charapan.156846. *Petrona*. Arantepacua.156847. *Prieto*. Patamban.156848. *Prieto*. Sevina.156849. *Ranchero Corriente*.156850. *Rosa de Castilla*. Patamban.156851. *Rosa de Castilla*. Teremendo.156852. *Rosa de Castilla*. Tzintzuntzan.**156853 and 156854. GOSSYPIMUM. Malvaceae.****Cotton.**

From Egypt. Seeds obtained from the Assistant Agricultural Attaché, American Embassy, Cairo. Received Nov. 13, 1946.

156853. *Amoun No. 39*. Giza.156854. *Karnak No. 29*. Giza.**156855 to 156862. SACCHARUM. Poaceae.****Sugarcane.**

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane, Queensland. Received Nov. 15, 1946.

156855. *Atlas*.156859. *Q-47*.156856. *Cato*.156860. *Q-48*.156857. *Pompey*.156861. *Q-49*.156858. *Trojan*.156862. *Q-50*.**156863. PONCIRUS TRIFOLIATA (L.) Raf. Rutaceae. Hardy orange.**

From Washington, D. C. Seeds obtained by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1946.

From a very old tree that grew west of the old Botanical Garden, at the east end of the Mall.

156864. EREMOCITRUS GLAUCA × **CITRUS LIMON.** Rutaceae.

From California. Seeds collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1946.

Coachella Eremolemon. From the Citrus Experiment Station, Riverside.

156865 to 156920. SORGHUM VULGARE Pers. Poaceae.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Nov. 19, 1946.

- 156865. No. 48. *Saccaline.*
- 156866. No. 49. *Urusogi.*
- 156867. No. 50. *Amaguru.*
- 156868. No. 51. *Ntobaycure.*
- 156869. No. 52. *Gotema.*
- 156870. No. 54. *Jones.*
- 156871. No. 55. *Rutobo.*
- 156872. No. 56. *Rudasakwa.*
- 156873. No. 57. *Nkonkoma.*
- 156874. No. 58. *Hoc Lean.*
- 156875. No. 59. *Sugar Drip.*
- 156876. No. 60. *Blanc des Indes.*
- 156877. No. 61. *Mbagobago.*
- 156878. No. 62. *Kamakazi.*
- 156879. No. 63. *MacLean de Sydney.*
- 156880. No. 64. *Nkoukoma.*
- 156881. No. 65. *Dura Feterita Gandal.* Early.
- 156882. No. 66. *Rutobo.*
- 156883. No. 67. *Fatura Du Bresil.*
- 156884. No. 68. *Dura Hegari.*
- 156885. No. 69. *Gyituku.*
- 156886. No. 70. *Urusogi.*
- 156887. No. 71. *Kamikazi.*
- 156888. No. 72. *Dura Gholta.* White.
- 156889. No. 73. *Jones de Sydney.*
- 156890. No. 74. *Dura Huria.* White, late.
- 156891. No. 75. *Dura Wad Ark.*
- 156892. No. 76. *Amogunu.*
- 156893. No. 77. *Dura Bomgitaba.*
- 156894. No. 78. *Dura Hemaisi.* Red, late.
- 156895. No. 79. *Fatura Du Brasil.*
- 156896. No. 80. *Gatama.*
- 156897. No. 81. *Ntaboro.*
- 156898. No. 82. *Nyiruwumago.*
- 156899. No. 83. *Ntiboyumba.*
- 156900. No. 84. *Nioka.*
- 156901. No. 85. *Dura Feterita Moatuk.* Early.

156865 to 156920—Continued

156902. No. 86. *Dura Dwarf*.
 156903. No. 87. *Dura Gassobi GAF*. Early.
 156904. No. 88. *Sugar Dry*.
 156905. No. 90. *Dura Dwarf*. White, milo early.
 156906. No. 91. *Dura Gassobi GAF*. Early.
 156907. No. 92. *Dura Feterita 1921*.
 156908. No. 93. *Dura Wad Munid*. Medium.
 156909. No. 94. *Dura Feterita Shindy*. Early.
 156910. No. 95. *Dura Gassobi GRF*. Early.
 156911. No. 96. *Bukura Masala*.
 156912. No. 97. *Rudaskwa*.
 156913. No. 98. *Saccaline de Sydney*.
 156914. No. 99. *Nghollongo*.
 156915. No. 100. *Ngalya*.
 156916. No. 101. *Bukura Mehawba*.
 156917. No. 102. *Mbagobago*.
 156918. No. 103. *Mbirizi*.
 156919. No. 104. *Sura Feterita Maatuk*. Early.
 156920. No. 105. *Ghimyoli*.

156921 to 156945.

From China. Seeds presented by the Kansu Provisional Experiment Station, Chang Chao Temple, west of Lanchow. Received Nov. 7, 1946.

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| 156921. ALLIUM FISTULOSUM L. Liliaceae. | Welsh onion. |
| 156922. BETA VULGARIS L. Chenopodiaceae. | Beet. |
| 156923. BRASSICA PEKINENSIS (Lour.) Ruprecht. Brassicaceae. | Petsai. |
| 156924. BRASSICA JUNCEA (L.) COSS. | Chinese mustard. |
| 156925. CHRYSANTHEMUM CORONARIUM L. Asteraceae. | Crowndaisy. |
| 156926. CITRULLUS VULGARIS Schrad. Cucurbitaceae. | Watermelon. |
| 156927 to 156940. CUCUMIS MELO L. Cucurbitaceae. | Muskmelon. |
| 156927. Lanchow. | 156934. Lanchow × Foreign. |
| 156928. Hami, Sinkiang. | 156935. Foreign. |
| 156929. Shanshan, Sinkiang. | 156936. San-san. Sinkiang. |
| 156930. Foreign × Shanshan. Sinkiang. | 156937. Ha-mi. Sinkiang. |
| 156931. Foreign × Lanchow. Kansu. | 156938. Ha-mi × Foreign. |
| 156932. Ha-mi. Sinkiang. | 156939. Golden Rod. |
| 156933. Foreign × Shanshan. Summer. | 156940. Lanchow. |
| 156941. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. | Cushaw. |
| 156942. CUCURBITA PEPO L. | Pumpkin. |
| 156943. LACTUCA SATIVA L. Cichoriaceae. | Lettuce. |
| <i>Asparagus</i> . | |
| 156944. PISUM SATIVUM L. Fabaceae. | Pea. |
| 156945. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |

156946 to 156957. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Tasmania. Tubers presented by the Tasmanian Department of Agriculture
Potato Seed Station, Tewksbury. Received Nov. 20, 1946.

156946. No. 101.	156952. No. 597.
156947. No. 158.	156953. No. 728.
156948. No. 166.	156954. No. 853.
156949. No. 224.	156955. No. 910.
156950. No. 265.	156956. No. 950.
156951. No. 441.	156957. No. 36.

156958. PERSEA AMERICANA Mill. Lauraceae. Avocado.

From Mexico. Seeds presented by José Benitez, Nuevo Leon. Received Nov. 25,
1946.

156959. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From New Jersey. Plant purchased from the New Jersey Peach Council, Inc.,
Princeton. Received Nov. 21, 1946.

Redcrest.

156960 to 156962. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental
Agrícola, Tingo Maria. Received Nov. 22, 1946.

156960. T. M. 946.
156961. T. M. 947.
156962. T. M. 784.

156963 to 156965. SOLANUM. Solanaceae.

From Australia. Tubers presented by the Department of Agriculture, Sydney,
New South Wales. Received Nov. 25, 1946.

156963. S. 2512. <i>Epicure</i> × <i>Solanum rybinii</i> × <i>Katahdin</i> .
156964. S. 2520. <i>Factor</i> × 336-144.
156965. S. 2524. <i>Kerrs Pink</i> × <i>Katahdin</i> .

156966 and 156967. ZEA MAYS L. Poaceae. Corn.

From the Netherlands. Seeds obtained from Herman A. Bennink, Apeldoorn.
Received Nov. 25, 1946.

156966. Dent corn.
156967. Popcorn.

156968 to 156970. CORDEAUXIA EDULIS Hemsl. Caesalpiniaceae. Yeheb nut.

From Tanganyika. Seeds presented by the East African Agricultural Research
Institute, Amani. Received Nov. 19, 1946.

156968. No. 1.
156969. No. 2.
156970. No. 3.

156971 and 156972. SORGHUM VULGARE Pers. Poaceae.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Nov.
13, 1946.

Originally from Botili, Lua-Bolo, Lebenge.

156971. No. 106. <i>Fo Gbele</i> .
156972. No. 107. <i>Fo Balongba</i> .

156973. CNIDOSCOLUS ELASTICUS Lundell. Euphorbiaceae.

From Mexico. Seeds collected by Llewelyn Williams, University of Chicago, Chicago, Ill. Received Dec. 3, 1946.

From the State of Durango, at altitudes of 2,000 to 5,000 feet. Oct. 1946.

156974 to 156985. RUBUS IDAEUS L. Rosaceae.**European raspberry.**

From the Soviet Union. Seeds presented by the Lenin Academy of Agricultural Sciences, Leningrad. Received Dec. 3, 1946.

156974. *Usanka*. Leningrad District.

156975. *Nemetzs Seedling*. Vitnitsa, Ukraine.

156976. *Spirins Seedling N. 14*. Vologda.

156977. *Shpanka*.

156978. *Novost Kusmina*. Vetluga, Korov.

156979. Leningrad District.

156980. Caucasus.

156981. Belosersk District.

156982. Vologda.

156983. Crimea.

156984. Molatov District.

156985. Voronezh District.

156986. OCHROMA sp. Bombacaceae.

From the British West Indies. Seeds presented by Sgt. Tom Phalin, United States Army. Received Oct. 29, 1946.

Bois Flot. From the island of Trinidad.

156987. PASPALIDIUM GLOBOIDEUM (Domin.) Hughes. Poaceae.**Shot grass.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Nov. 12, 1946.

156988. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From India. Seeds presented by W. F. Dickson, Agricultural Adviser, New Delhi. Received Nov. 18, 1946.

156989. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae. Lime.

From Palestine. Seeds presented by Dr. Y. Carmon, Agricultural Experiment Station, Rehovoth. Received Dec. 4, 1946.

Egyptian Lime.

156990. STIZOLOBIUM ATERRIMUM Piper & Tracy. Fabaceae.**Velvetbean.**

From British Guiana. Seeds presented by the Department of Agriculture, Georgetown. Received Dec. 2, 1946.

Bengal Bean.

156991 to 157000. SESAMUM spp. Pedaliaceae.

From India. Seeds presented by the Oilseeds Specialist, Agricultural Department, Lawley Road, Coimbatore. Received Nov. 27, 1946.

156991 to 156998. *SESAMUM INDICUM L.*

Sesame.

156991 to 157000—Continued

156991. No. X-6.

156995. S.I.53.

156992. No. X-38.

156996. S.I.246.

156993. S.I.1.

156997. S.I.761.

156994. S.I.53.

156998. S.I.980.

156999. *SESAMUM PROSTRATUM* Retz.157000. *SESAMUM RADIATUM* Schum.157001. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Argentina. Tuber presented by Isaac Tarasiuk, Buenos Aires. Received Dec. 5, 1946.

Reported to be immune from late blight.

157002. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae.

Orange.

From China. Seeds collected by Eugene May, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 5, 1946.

Tim Shan. From Paakshan, Kwangtung.

157003. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From Tasmania. Seeds presented by A. L. Goodwin, "Milford," Mangalore. Received Nov. 26, 1946.

Milford B 46. A fast-growing variety.

157004. *HIPPEASTRUM* sp. Amaryllidaceae.

From Bolivia. Seeds presented by Dr. Martin Cárdenas, Cochabamba. Received Dec. 6, 1946.

Collected in Yungas, La Paz.

157005. *CITRUS*. Rutaceae.

From Washington, D. C. Seeds presented by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 9, 1946.

Eugene May Satsumelo. (*Citrus reticulata* var. \times *C. paradisi*.) Hybrid by Eugene May, Jr.

157006. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

From India. Seeds presented by the Imperial Agricultural Research Institute, New Delhi. Received Dec. 7, 1946.

Amarelo 5. Grown at Pusa, Bihar.

157007. *HEVEA BRASILIENSIS* (A. Juss.) Muell. Arg. Euphorbiaceae.

Para rubber tree.

From Mexico. Seeds presented by T. D. Mallory, Mexico, D. F. Received Dec. 10, 1946.

157008 to 157011. *MENTHA ARVENSIS* VAR. *PIPERASCENS* Malinv. Menthaceae.

From Japan. Roots obtained through the Agricultural Section, GHQ, SCAP, Tokyo. Received Dec. 11, 1946.

157008. Akakuki.

157010. Kitami Shirake.

157009. Hokushin.

157011. Okayama Shirake.

157012. *SESBANIA EMERUS* (Aubl.) Urban. Fabaceae.

From El Salvador. Seeds collected by Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Dec. 16, 1946.

157013 to 157017. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From India. Seeds presented by the Fodder Botanist, Sirsa, Hissar, Punjab.
Received Dec. 5, 1946.

157013. No. 1.

157016. No. 56.

157014. No. 2.

157017. No. 69.

157015. No. 6.

157018 to 157020.

From India. Seeds presented by E. Grace Bullard, American Baptist Mission,
Kavali, Mellore District. Received Dec. 17, 1946.

157018 and 157019. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

157018. Small-seeded.

157019. Large-seeded.

157020. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.

Guar.

157021 and 157022. VITIS VINIFERA L. Vitaceae. European grape.

From California. Cuttings obtained from the United States Horticultural Field
Station, Fresno. Received Dec. 18, 1946.

157021. Cardinal.

157022. Castiza.

157023 to 157028.

From Maryland. Plants growing at the United States Plant Introduction Garden,
Glenn Dale. Numbered in Dec. 1946.

157023 to 157025. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

157023. Grimes Golden.

157024. Winesap.

157025. Close.

157026. PRUNUS CERASUS L. Amygdalaceae.

Sour cherry.

Early Richmond.

157027 and 157028. PRUNUS AVIUM L.

Sweet cherry.

157027. Seneca.

157028. Windsor.

157029 to 157043. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Re-
ceived Dec. 18, 1946.

157029. Anasude No. 9.

157037. Nyakibusha No. 21.

157030. Andiwo III 57.

157038. Nyaniye Akura No. 24.

157031. Aneru No. 32.

157039. Nyauriata 29.

157032. Arvigo No. 7.

157040. Ochuti II No. 51.

157033. Ifube No. 18.

157041. Odel No. 60.

157034. Kigeza (i) 41 or 71.

157042. Onwaga No. 10.

157035. Nyagwang No. 56.

157043. Otavyire No. 25.

157036. Nyaijeh No. 38.

157044 to 157054.

From Maryland. Plants growing at the United States Plant Introduction Garden,
Glenn Dale. Numbered in December 1946.

157044 to 157050. MALUS spp. Malaceae.

157044 to 157054—Continued

157044. MALUS.

Virginia Crabapple.

157045 and 157046. MALUS SYLVESTRIS Mill.

Apple.

157045. *Rome Beauty.*157046. *Northern Spy.*

157047. MALUS BACCATA (L.) Moench.

Siberian crabapple.

Dolgo.

157048. MALUS.

Hyslop Crabapple.

157049 and 157050. MALUS SYLVESTRIS Mill.

Apple.

157049. *Delicious.*157050. *Stayman.*

157051. PYRUS COMMUNIS L. Malaceae.

Common pear.

Bartlett.

157052 to 157054. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

157052. *Black Oxford.*157053. *Scott Winter.*157054. *Bethel.*

157055. CITRULLUS COLOCYNTHIS (L.) Schrad. Cucurbitaceae.

Colocynth.

From Algeria. Seeds collected by R. E. Rodes, APO 194, New York, New York.
Received Dec. 19, 1946.

Collected between Biskra and Bou Saada.

157056 to 157059.

From New Zealand. Seeds presented by E. A. Menninger, Stuart, Fla. Received
Dec. 19, 1946.

157056. LEPTOSPERMUM SCOPARIUM var. NICHOLLII (Darr-Smith) Turrill.

Myrtaceae.

157057. METROSIDEROS VILLOSA (L.) J. E. Smith. Myrtaceae.

157058. MYRTUS BULLATA Berg. Myrtaceae.

157059. WEINMANNIA SYLVICOLA A. Cunn. Cunoniaceae.

157060 to 157114.

From China. Seeds collected by Dr. H. L. Crane, Bureau of Plant Industry, Soils,
and Agricultural Engineering, Beltsville, Md. Received Dec. 27, 1946.

157060 and 157061. BENINCASA HISPIDA (Thunb.) Cogn. Cucurbitaceae.

Wax gourd.

157060. Lanchow.

157061. Chengtu, Szechwan.

157062. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

Lanchow.

157063 to 157068. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

157063. Hupeh.

157066. *Ha-pe.* Kafeng, Honan.157064. *Ma-lin-kua.* Chekiang.

157067. Fruits flattened. Chekiang.

157065. Lanchow.

157068. Kaifeng, Honan.

157060 to 157114—Continued

- 157069 to 157086. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**
 157069. *Golden Tower Temple*. Lanchow.
 157070. *Li-hsiang-kua*. Kwangsi.
 157071. Kungchuling.
 157072. Lanchow.
 157073. *Hua-e-chio*.
 157074. Kaifeng, Honan.
 157075. Chengtu, Szechwan.
 157076. *San-pai*.
 157077. *Sen-kua*. Chengtu, Szechwan.
 157078. Honan.
 157079. *Pei-fang-kua*. Hupeh.
 157080. *Da-lon-hung*.
 157081. Hupeh.
 157082. *Pin-ko-chin*.
 157083. Lanchow.
 157084. Shensi.
 157085. Chekiang.
 157086. *Chi-ma-chin*.
 157087 to 157098. CUCUMIS SATIVUS L. **Cucumber.**
 157087. Shatang, Kwangsi.
 157088. *Chin-pe-tiao-kua*. Hupeh.
 157089. *Li-tze-san-cha*. Peiping.
 157090. Chekiang.
 157091. Chengtu, Szechwan.
 157092. Lanchow.
 157093. *Ta-ze-kua*.
 157094. *Pai-jiao-kua*. Hupeh.
 157095. *Pai-huang-kua*. Shatang, Kwangsi.
 157096. Kungchuling.
 157097. *Er-cho-chi*. Chengtu, Szechwan.
 157098. *Tsun-chin-tzu*. Chengtu, Szechwan.
 157099 to 157101. CUCURBITA MOSCHATA Duchesne. **Cushaw.**
 157099. *Duck*. Lanchow.
 157100. No. 1. Chengtu, Szechwan.
 157101. No. 2. Chengtu, Szechwan.
 157102. LUFFA AEGYPTIACA Mill. Cucurbitaceae. **Suakwa towelgourd.**
 Chengtu, Szechwan.
 157103. MOMORDICA CHARANTIA L. Cucurbitaceae. **Balsam-pear.**
Ta-pei-ku-kua. Chengtu, Szechwan.
 157104. PANICUM MILIACEUM L. Poaceae. **Proso.**
 157105. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
Serpentina. Lanchow.

157060 to 157114—Continued

157106 to 157114. *SORGHUM VULGARE* Pers. Poaceae.

157106. Kaifeng, Honan.

157107. Wuchang, Hupeh.

157108. *Shatang No. 1*: Shatang, Kwangsi.

157109. Peiping.

157110. Chekiang.

157111. *Waxy Sorghum*.

157112. Kungchuling.

157113. *Shatang No. 2*. Shatang, Kwangsi.

157114. Hupeh.

157115. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From England. Seeds presented by C. J. M. Kemp, Richmond, Surrey. Received Dec. 30, 1946.

Kleva.

157116. *ARACHIS* sp. Fabaceae. **Peanut.**

From Brazil. Seeds obtained from G. L. Bush, Rio de Janeiro. Received Dec. 30, 1946.

A large-seeded peanut called *mandubi*, *mendobi*, or *manobi* by various native Indian tribes in Brazil.

157117 to 157120.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Dec. 16, 1946.

157117. *ASTREBLA* sp. Poaceae.

Mitchell Grass.

157118. *DANTHONIA SEMIANNULARIS* (Labill.) R. Br. Poaceae.

Wallaby Grass.

157119. *FESTUCA MAIREI* St. Yves. Poaceae.

157120. *LOLIUM RIGIDUM* Gaud. Poaceae.

Wimmera Rye Grass.

157121. *CYDONIA OBLONGA* Mill. Malaceae. **Quince.**

From France. Cuttings presented by A. Rousseau, Roguevaire, Bouches du Rhone. Dec. 31, 1946.

St. Julien d'Orleans.

157122. *CARICA MICROCARPA* Jacq. Papayaceae.

From Venezuela. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Dec. 30, 1946.

Grown originally from seeds presented by Henry Pittier, Caracas, Venezuela. Fruits small, red.

157123 to 157136. *SORGHUM VULGARE* Pers. Poaceae.

From Arabia. Seeds obtained through the American Vice Consul, Aden. Received Dec. 16, 1946.

A collection of sorghums from Yemen.

157123 to 157127. *Azab*.

157123 to 157136—Continued

- | | |
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| 157123. No. 1. Beit-al-Faquih. | 157126. No. 4. Al-Mansuria. |
| 157124. No. 2. Bajin. | 157127. No. 5. Al-Zeidia. |
| 157125. No. 3. Al-Marawi'a. | |
| 157128. No. 6. <i>Za'r Qadim</i> . (Old Za'r). Al-Zahra. | |
| 157129. No. 7. <i>Sa's Jidid</i> . (New Za'r). Al-Zahra. | |
| 157130. No. 8. <i>Za'r</i> . Al-Luhaya. | |
| 157131. No. 9. <i>Za'r</i> . Al-Zeidia and Al-Marawi. | |
| 157132. No. 10. <i>Beidha</i> . White. Al-Marawi'a. | |
| 157133. No. 11. <i>Beidha</i> . White. Al-Zeidia, Zahra, Bajil. | |
| 157134. No. 12. <i>Dokha</i> . Millet. Al-Mansuria. | |
| 157135. No. 13. <i>Dokha</i> . Millet. Bajil, Maraiqi'a Luhy. | |
| 157136. No. 14. <i>Dokha</i> . Millet. Beit-al-Faquish. | |

157137 to 157143.

From Mexico. Seeds presented by M. Martinez, Mexico, D. F. Received Dec. 17, 1946.

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|---|---------------------------|
| 157137. <i>ABIES RELIGIOSA</i> Lindl. Pinaceae. | Fir. |
| 157138. <i>CARYA ILLINOENSIS</i> (Wang.) K. Koch. Juglandaceae. | Pecan. |
| 157139. <i>MUSA ENSET</i> Gmel. Musaceae. | Abyssinian banana. |
| 157140. <i>PHYSALIS COZTOMATL</i> Dun. Solanaceae. | |

An annual with pubescent, nearly entire, ovate leaves, and solitary axillary flowers, yellow spotted with brown. Native to temperate Mexico.

157141. *PINUS PATULA* Schlecht. & Cham. Pinaceae.
157142. *PINUS PSEUDOSTROBUS* Lindl.
157143. *SARACHA JALTOMATA* Schlecht. Solanaceae.

An annual with ovate-acuminate leaves 3 to 4 inches long, small greenish-yellow flowers in small umbels, and black, subglobose fleshy berries. Native to Mexico.

157144. BRASSICA OLERACEA var. **CAPITATA** L. Brassicaceae. **Cabbage.**

From Germany. Seeds presented by Carl Ross, Voldagsen über Elze, Hannover. Received Dec. 19, 1946.

Echterdinger.

157145. AEGILOPS LONGISSIMA Schweinf. & Muschl. Poaceae.

From Palestine. Seeds presented by the Hebrew University, Jerusalem. Received Dec. 27, 1946.

157146. EPIDENDRUM CILIARE L. Orchidaceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in December 1946.

Origin of plants unknown.

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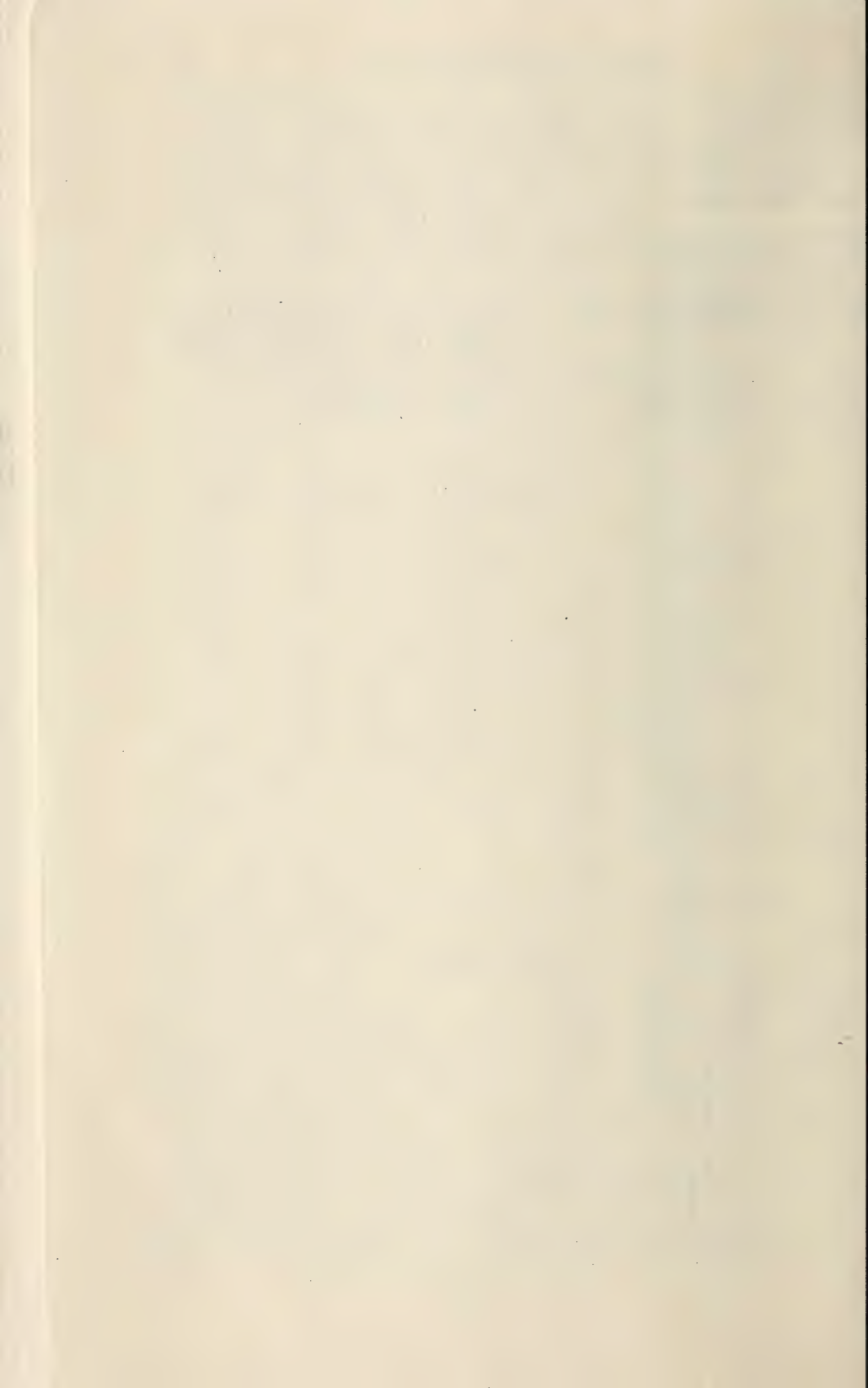
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Plant Inventory No. 155

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1954



PLANT MATERIAL INTRODUCED BY THE SECTION OF PLANT INTRODUCTION, HORTICULTURAL CROPS RESEARCH BRANCH, AGRICULTURAL RESEARCH SERVICE, JANUARY 1 TO DECEMBER 31, 1947 (NOS. 157147 TO 161666)

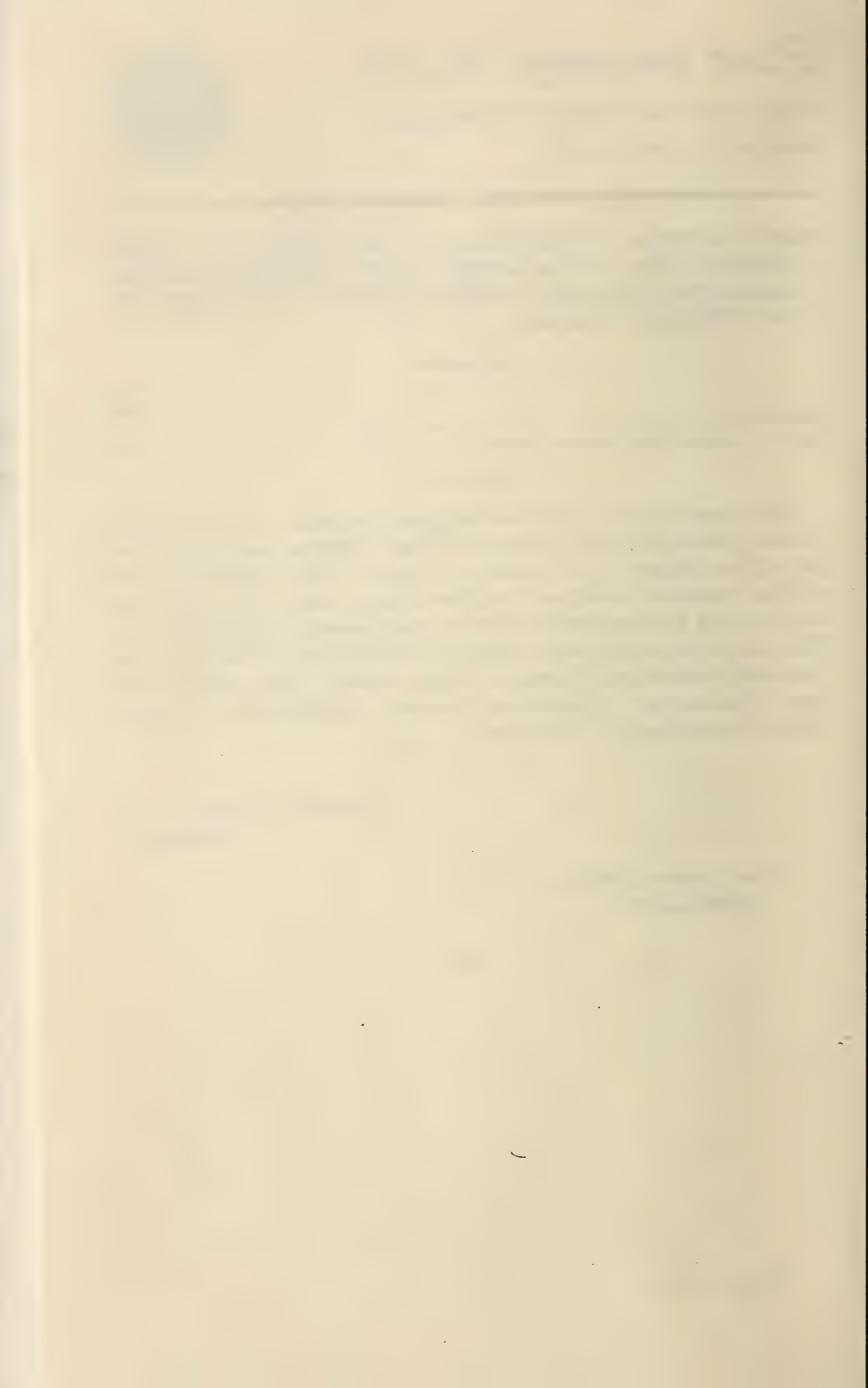
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This inventory, No. 155, lists the plant material (Nos. 157147 to 161666) received by the Section of Plant Introduction during the period from January 1 to December 31, 1947. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

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I N V E N T O R Y

157147. SACCHARUM SPONTANEUM L. Poaceae.

From Tanganyika. Seeds presented by the Tanganyika Department of Agriculture, Tukuyu. Received Jan. 1, 1947.

157148. VIGNA VEXILLATA (L.) Rich. Fabaceae.

From Venezuela. Seeds presented by the Ministerio de Agricultura, Maracay. Received Jan. 7, 1947.

157149 to 157153.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Jan. 20, 1947.

157149. ANTHURIUM LONGILAMINATUM Engl. Araceae.

A short-stemmed species from southern Brazil, with thick, leathery leaves about 2 feet long. The purplish spadix, up to 5 inches long, is borne on a stalk 1 foot long.

157150. BEGONIA. Begoniaceae.

Ella Keys. From Alfred Keys, Lantana. A hybrid, *Begonia* Var. Beefsteak X *Begonia fragrans*.

157151. MALPIGHIA sp. Malpighiaceae.

Collected by David Fairchild at Medellín, Colombia.

157152. TERMINALIA TOMENTOSA (Roxb.) Wight & Arn. Combretaceae.

From the Forest Research Institute, Dehra Dun, India.

157153. CALLIANDRA EMARGINATA Benth. Fabaceae.

From the grounds of the Escuela Agrícola Panamericana, Tegucigalpa, Honduras.

157154 to 157163. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From India. Seeds presented by the Imperial Agricultural Research Institute, New Delhi. Received Jan. 16, 1947.

157154. *IP 1.*

157159. *IP 20.*

157155. *IP 3.*

157160. *IP 24.*

157156. *IP 7.*

157161. *IP 29.*

157157. *IP 18.*

157162. *IP 30.*

157158. *IP 19.*

157163. *IP Hybrid 1205-18*

157164. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Scotland. Tubers presented by the Scottish Society for Research in Plant Breeding, Corstorphine, Edinburgh. Received Jan. 22, 1947.

Craig's Bounty

157165 and 157166. FORSYTHIA. Oleaceae.

From Massachusetts. Cuttings presented by the Arnold Arboretum, Jamaica Plain. Received Jan. 22, 1947.

157165. *Arnold Dwarf.*

157166. *Arnold Giant.*

157167. FRAXINUS sp. Oleaceae. Ash.

From Iran. Seeds collected by Walter Koelz, Tehran. Received Jan. 27, 1947.

From Karyagino, Azerbaijan.

157168 to 157172.

From India. Seeds presented by Dr. Raghava Reddy, Penagaluru, Cuddapah. Received Jan. 13, 1947.

157168. AEGLE MARMELOS (L.) Correa. Rutaceae. Bael.

157169. HESPERETHUSA CRENULATA (Roxb.) Roemer. Rutaceae.

157170. MURRAYA EXOTICA L. Rutaceae. Orange-jasmine.

157171. PLEIOSPERMIUM ALATUM (Wight & Arn.) Swingle. Rutaceae.

157172. TERMINALIA ARJUNA (Roxb.) Wight & Arn. Combretaceae.

157173 and 157174. MALUS CORONARIA (L.) Mill. Rosaceae. Wild sweet crabapple.

From Canada. Scions presented by the Dominion Horticulturist, Central Experimental Farm, Ottawa. Received Jan. 1, 1947.

157173. 19-A-1.

157174. 19-A-50.

157175 to 157178. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From Finland. Seeds presented by the State Botanical Institute, Helsinki, through Artturi Lehtinen, Commercial Counselor, Legation of Finland, Washington, D. C. Received Jan. 14, 1947.

157175. Tammisto.

157177. Jokiorsten Karta.

157176. No. 37.

157178. Fiskarsin.

157179. ACACIA FEDDEANA Harms. Fabaceae.

From Bolivia. Seeds presented by M. Cárdenas, Cochabamba. Received Jan. 14, 1947.

Palqui. A Bolivian tree with leaves composed of 1 pair of pinnae about $\frac{1}{2}$ inch long; each pinna is made up of 15 to 22 pairs of lanceolate pinnules, about $\frac{1}{8}$ inch long. The seeds, when fresh, are eaten like peanuts; when dry are parched and ground to make a good coffee substitute.

157180 to 157192.

From Florida. Seeds collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 28, 1947.

157180. AEGLOPSIS CHEVALIERI Swingle. Rutaceae.

From Coconut Grove.

157181. AFRAEGLE PANICULATA (Schum.) Engl. Rutaceae.

From Col. Montgomery's Arboretum, Coconut Grove.

157182. CITRUS RETICULATA Blanco. Rutaceae. Mandarin orange.

(No special notes.)

157183. GLYCOSMIS CITRIFOLIA (Willd.) Lindl. Rutaceae.

From the Fairchild Tropical Garden, Coconut Grove.

157184. MURRAYA KOENIGII (L.) Spreng. Rutaceae.

From Dr. Fairchild's residence, Coconut Grove.

157185 to 157188. MURRAYA PANICULATA (L.) Jack.

157185. From Dr. Fairchild's residence, Coconut Grove.

157186. (No special notes.)

157187. From the United States Plant Introduction Garden, Coconut Grove.

157188. From the Fairchild Tropical Garden, Coconut Grove.

Dwarf Dark Green.

157180 to 157192—Continued

157189. FORTUNELLA. Rutaceae.

Kumquat.

From Dr. Fairchild's residence, Coconut Grove.

157190. SEVERINIA DISTICHA (Blanco) Swingle. Rutaceae.

From Col. Montgomery's Arboretum, Coconut Grove.

157191. SEVERINIA BUXIFOLIA (Poir.) Ten.

From the Fairchild Tropical Garden, Coconut Grove.

157192. TRIPHASIA TRIFOLIA (Burm.) P. Wilson. Rutaceae.

From the Fairchild Tropical Garden, Coconut Grove.

157193 to 157197.

From Australia. Seeds presented by the Temora Experimental Farm, Department of Agriculture, Sydney, New South Wales. Received Feb. 5, 1947.

157193. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

Tatura Dwarf Globe.

157194 to 157197. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

157194. *Celebration.*157196. *Kendee.*157195. *Gabo.*157197. *Yalta.*

157198. CASTANEA CRENATA Sieb. & Zucc. Fabaceae.

Japanese chestnut.

From Japan. Seeds presented by the Horticultural Experiment Gardens. Yoshimoto, Muko-gun, Hyogo Prefecture. Received Feb. 10, 1947.

157199. PRUNUS ARMENIACA L. Rosaceae.

Apricot.

From Canada. Scions presented by L. M. Howlett, Westbank, British Columbia. Received Feb. 12, 1947.

Hungarian Rose.

157200. ZEA MAYS L. Poaceae.

Corn.

From Mexico. Seeds presented by J. I. Knott, San Diego, California. Received Jan. 6, 1947.

From Sinaloa.

157201. MALUS SYLVESTRIS Mill. Rosaceae.

Apple.

From England. Plants purchased from D. Stewart & Sons, Ltd., Ferndown Nurseries, Dorset. Received Jan. 7, 1947.

Arthur Lewis.

157202. SOLANUM TUBEROSUM L. Solanaceae.

Potato.

From Australia. Tubers obtained from the Department of Agriculture, Sydney, New South Wales. Received Jan. 7, 1947.

Aussie. (Satisfaction × Katahdin)

157203 to 157214. MALUS SYLVESTRIS Mill. Rosaceae.

Apple.

From Finland. Scions presented by the O. Syring Plantskola, Vaasa. Received Feb. 4, 1947.

157203. *Antonovka.*157209. *Kuotesaho.*157204. *Astrachan Peace of Gustav.*157210. *Pear of Halsten.*157205. *Astrachan of Gerby.*157211. *Red Canel.*157206. *Canel of Gerby.*157212. *Safstaholm.*157207. *Gold Canel.*157213. *Valkeala Autom.*157208. *Golden Krons Astrachan.*157214. *Winter of Vaasa.*

157215 to 157217. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From England. Plants purchased from the Blackmoor Nurseries, Hampshire.
Received Feb. 7, 1947.

157215. *Copper's Seedling.*

157216. *Sunset.*

157217. *Winston.*

157218 to 157220. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From England. Scions presented by the East Malling Research Station, East Malling, Kent. Received Feb. 7, 1947.

157218. *Tydeman's Early Worcester.*

157219. *Tydeman's Martinmars.*

157220. *Tydeman's Michaelmas Red.*

157221 to 157223. PRUNUS PERSICA (L.) Batsch. Rosaceae. Peach.

From Maryland. Scions obtained from the Division of Fruit and Nut Crops and Diseases, Plant Industry Station, Beltsville. Received Feb. 14, 1947.

157221. *Prairie Daybreak.*

157222. *Prairie Schooner.*

157223. *Prairie Sunrise.*

157224 to 157226. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa.
Received Feb. 14, 1947.

157224. *Altaswede.*

157225. *Dollard.*

157226. *Ottawa.*

157227 and 157228.

From Peru. Seeds presented by the Estación Experimental Agrícola de La Molina, Lima. Received Feb. 14, 1947.

157227. *Gossypium. Malvaceae.*

Cotton.

Tanguis Linaje 160-D-C-V.

157228. *Triticum aestivum L. Poaceae.*

Common wheat.

M. E. 214-43.

157229 to 157232. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Sweden. Scions presented by E. J. Olden, Fruit Breeding Station, Balsgard. Received Feb. 17, 1947.

Tetraploid seedlings of *Belle de Boskoop.*

157229. *No. 37/48.*

157231. *No. 37/60.*

157230. *No. 37/54.*

157232. *No. 38/1.*

157233. PYRUS COMMUNIS L. Rosaceae. Common pear.

From Oregon. Scions presented by Elliott S. Degman, Medford. Received Feb. 18, 1947.

Parberton.

157234 to 157247. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Virginia. Plants presented by the Virginia Polytechnic Institute, Department of Horticulture, Blacksburg. Received Feb. 17, 1947.

157234. *No. 1.*

157241. *No. 8.*

157235. *No. 2.*

157242. *No. 9.*

157236. *No. 3.*

157243. *No. 10.*

157237. *No. 4.*

157244. *No. 11.*

157238. *No. 5.*

157245. *No. 12.*

157239. *No. 6.*

157246. *No. 13.*

157240. *No. 7.*

157247. *No. 14.*

157248 to 157390. ORYZA SATIVA L. Poaceae.**Rice.**

From Korea. Seeds presented by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received Feb. 18, 1947.

A collection of upland rice varieties.

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| 157248. <i>Akida Rikuu No. 13.</i> | 157287. <i>Hukushima kaisen mochi.</i> |
| 157249. <i>Ao-mari-Wase-Akage.</i> | 157288. <i>Igushi-mochi.</i> |
| 157250. <i>Bac-deac-huwan</i> or <i>Hukutaku-maru.</i> | 157289. <i>Ishikawa.</i> |
| 157251. <i>Bak kye</i> or <i>Shiro niwadori.</i> | 157290. <i>Jyarya.</i> |
| 157252. <i>Bankoku Mochi.</i> | 157291. <i>Kagama Dango Mochi.</i> |
| 157253. <i>Ban-to</i> or <i>Matara-ine.</i> | 157292. <i>Kokuta.</i> |
| 157254. <i>Bac-toc-mi</i> or <i>Fuku-toku-mai.</i> | 157293. <i>Kairyo Kukoku Mochi.</i> |
| 157255. <i>Chang-yon-Zae-rae.</i> | 157294. <i>Kama Okoshi.</i> |
| 157256. <i>Chiba-a-no-mochi.</i> | 157295. <i>Kanon.</i> |
| 157257. <i>Chi-taek</i> or <i>Ikezawa.</i> | 157296. <i>Ka-oe-chal.</i> |
| 157258. <i>Choei-ine.</i> | 157297. <i>Kazusa-wase.</i> |
| 157259. <i>Chong-kuc-Tae-pyang.</i> | 157298. <i>Kimza</i> or <i>Kaneko.</i> |
| 157260. <i>Chokei-wase.</i> | 157299. <i>Kinkabo.</i> |
| 157261. <i>Chok-jye-bi-chal.</i> | 157300. <i>Konosu-No. 2.</i> |
| 157262. <i>Chonbuk-kung.</i> | 157301. <i>Konosu-No. 5.</i> |
| 157263. <i>Chou-sung</i> or <i>Sen-sho.</i> | 157302. <i>Kuk Hea.</i> |
| 157264. <i>Cho-seun zo-saeng.</i> | 157303. <i>Kumamoto No. 1.</i> |
| 157265. <i>Dae-ku.</i> | 157304. <i>Kumamoto-owarimochi.</i> |
| 157266. <i>Dang-go-E.</i> | 157305. <i>Kum-kuwang-bang.</i> |
| 157267. <i>Daiwan Mochi.</i> | 157306. <i>Kuwon-op-su</i> or <i>Kwang-gyo-mochi.</i> |
| 157268. <i>Dango-B.</i> | 157307. <i>Kwan-tong-zo-Saeng</i> or <i>Kwanto-Wase.</i> |
| 157269. <i>Dango-C.</i> | 157308. <i>Mido Nishiki.</i> |
| 157270. <i>Deoc-to-Daeman</i> or <i>Takushima-Taiwan-mochi.</i> | 157309. <i>Mino-mochi.</i> |
| 157271. <i>Edogawa.</i> | 157310. <i>Mino-Senshutsu.</i> |
| 157272. <i>Ego-wase.</i> | 157311. <i>Mino wase.</i> |
| 157273. <i>Ero-shima-mochi.</i> | 157312. <i>Mino wase.</i> |
| 157274. <i>Ero-shima-mochi.</i> | 157313. <i>Mi-shiro-oki.</i> |
| 157275. <i>Fuku-nari-mochi.</i> | 157314. <i>Miyagi Oda mochi.</i> |
| 157276. <i>Furu-wase-akage.</i> | 157315. <i>Miyagi Rikuu No. 16.</i> |
| 157277. <i>Gae-Seon No. 13.</i> | 157316. <i>Miyako-ga.</i> |
| 157278. <i>Gae-Seon</i> or <i>Gai-sen.</i> | 157317. <i>Miyanishiki.</i> |
| 157279. <i>Gaisen No. 9014.</i> | 157318. <i>Mizuho-tsukasa.</i> |
| 157280. <i>Gun-Zo-baec-mang-ae-kuc</i> or <i>Guncho-shiro bo-aikaku.</i> | 157319. <i>Ni-i-gata-chichibu mochi.</i> |
| 157281. <i>Hiza zoo.</i> | 157320. <i>O-ba-nishiki.</i> |
| 157282. <i>Horing.</i> | 157321. <i>Ohbada No. 123.</i> |
| 157283. <i>Huc-pi</i> or <i>Kurokawa.</i> | 157322. <i>Oi-rang.</i> |
| 157284. <i>Huc-su-zo.</i> | 157323. <i>Oka miyako.</i> |
| 157285. <i>Hukoku.</i> | 157324. <i>O-kuromochi.</i> |
| 157286. <i>Hukoku mochi.</i> | 157325. <i>Owari Mochi.</i> |
| | 157326. <i>Owari Mochi.</i> |

157248 to 157390—Continued

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| 157327. <i>Pang-go-A.</i> | 157358. <i>Shen Bong.</i> |
| 157328. <i>Pyong San.</i> | 157359. <i>Si-ga-O-hata-mochi.</i> |
| 157329. <i>Rikun No. 15.</i> | 157360. <i>Sonobe Nishiki.</i> |
| 157330. <i>Rikun No. 17.</i> | 157361. <i>Su-chon or Mizu-kawa.</i> |
| 157331. <i>Rikun No. 22.</i> | 157362. <i>Suzume shirosu.</i> |
| 157332. <i>Rikun No. 23.</i> | 157363. <i>Tachi-ki tsume-rikuto No. 1.</i> |
| 157333. <i>Ryuc-u No. 23.</i> | 157364. <i>Tachi-ki-hokoku-mochi.</i> |
| 157334. <i>Ryuc-u No. 9.</i> | 157365. <i>Tachiki-wase Erashima-mochi No. 2.</i> |
| 157335. <i>Ryuc-u No. 10.</i> | 157366. <i>Tokiwa Nishiki.</i> |
| 157336. <i>Ryuc-u No. 13.</i> | 157367. <i>Tong-king-China-mochi.</i> |
| 157337. <i>Ryuc-u No. 13.</i> | 157368. <i>Ton Kok Dori.</i> |
| 157338. <i>Ryuc-u No. 16.</i> | 157369. <i>Tozo-mochi No. 6.</i> |
| 157339. <i>Ryuc-u No. 19.</i> | 157370. <i>Teru-kuma.</i> |
| 157340. <i>Ryuc-u No. 20.</i> | 157371. <i>Tokyo Hiroyama.</i> |
| 157341. <i>Ryuc-u No. 22.</i> | 157372. <i>Tokyo Shino mochi.</i> |
| 157342. <i>Ryuc-u No. 37.</i> | 157373. <i>Uc or Asahi.</i> |
| 157343. <i>Sadu-cho.</i> | 157374. <i>Wase Eroshima-mochi No. 2.</i> |
| 157344. <i>Saitama-Etogawa-mochi.</i> | 157375. <i>Wase-sekitori.</i> |
| 157345. <i>Saitama-ryuc-u No. 13.</i> | 157376. <i>Wase-sekitori.</i> |
| 157346. <i>Sanhyong-daema or Yama-kata-daima.</i> | 157377. <i>Wase-sekitori.</i> |
| 157347. <i>San-hyong-kyon-bac or Yama-kata-inubushi.</i> | 157378. <i>Wase-sekitori C.</i> |
| 157348. <i>Sang-yuc-bang-zo or Jo-riku-bozu.</i> | 157379. <i>Wase-sekitori E.</i> |
| 157349. <i>Santaro.</i> | 157380. <i>Wase Shinshu.</i> |
| 157350. <i>San-to.</i> | 157381. <i>Wase-shin-shu.</i> |
| 157351. <i>Sasa Sakura.</i> | 157382. <i>Wase-shiro-zasa.</i> |
| 157352. <i>Schou-Sung or Sensho.</i> | 157383. <i>Yamanashi-dang-go-modu.</i> |
| 157353. <i>Sedta-zaisen.</i> | 157384. <i>Yamoto.</i> |
| 157354. <i>Seuc-San-cho.</i> | 157385. <i>Yong-chal-byo.</i> |
| 157355. <i>Sensho-Ibaragi.</i> | 157386. <i>Yung-chong or Omachi.</i> |
| 157356. <i>Sensho Tane.</i> | 157387. <i>Yu-wol.</i> |
| 157357. <i>Se-Zic or Yonaoshi.</i> | 157388. <i>Zi-taec or Ike-zawa.</i> |
| | 157389. <i>Zo-chi-ryuc-u No. 20.</i> |
| | 157390. <i>Zui-ho.</i> |

157391 to 157393.

From China. Seeds presented by Dr. Pie-Chong Yieh, Tienshui, Kansu.
Received Feb. 6, 1947.

157391. *AGROPYRON* sp. Poaceae.

No. 36A.

157392. *AGROPYRON* sp.

No. 54A.

157393. *PUERARIA LOBATA* (Willd.) Ohwi. Fabaceae.

Kudzu.

157394 to 157499.

From Korea. Seeds presented by the Central Experiment Station, Suwon.
Received Feb. 19, 1947.

157394 to 157493. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

157394. <i>Alki-ball.</i>	157434. <i>Illini.</i>
157395. <i>An-byon-tae.</i>	157435. <i>Il-soy.</i>
157396. <i>Baec-chung No. 48.</i>	157436. <i>Kae-wan-bac-huwa.</i>
157397. <i>Baec-mi-oialkong.</i>	157437. <i>Kam-ro.</i>
157398. <i>Baec-moc-sa-ryu.</i>	157438. <i>Kang-wan No. 16.</i>
157399. <i>Baec-tae.</i>	157439. <i>Kap-san-chai-rae.</i>
157400. <i>Baec-tae-ul.</i>	157440. <i>Kin-du.</i>
157401. <i>Bang-chan-bac-mi.</i>	157441. <i>Kum-kang No. 2.</i>
157402. <i>Bang-chan-bac-mi.</i>	157442. <i>Kum-kang No. 1.</i>
157403. <i>Black Eyebrow.</i>	157443. <i>Kum-kang No. 6.</i>
157404. <i>Chae-rae-chong.</i>	157444. <i>Kum-kang-dae-ryu.</i>
157405. <i>Chae-rae-chong.</i>	157445. <i>Kum-kang-so-ryu.</i>
157406. <i>Chang-tan.</i>	157446. <i>Kum-san.</i>
157407. <i>Chang-tan No. 29.</i>	157447. <i>Kyeong-du.</i>
157408. <i>Chang-tan-bac-mac.</i>	157448. <i>Kyui-za-an.</i>
157409. <i>Chang-tan-da-mac.</i>	157449. <i>Maeng-tae.</i>
157410. <i>Chang-uwal.</i>	157450. <i>Man-soy.</i>
157411. <i>Chantan-chong.</i>	157451. <i>Medium-green.</i>
157412. <i>Cho-giemyong-tae.</i>	157452. <i>Mil-tae.</i>
157413. <i>Chu-chou or Akita.</i>	157453. <i>Mes-ko.</i>
157414. <i>Chung-buc-huwang No. 1.</i>	157454. <i>Mi-ka-do.</i>
157415. <i>Chung-buc-huwang No. 5.</i>	157455. <i>Mi-yong-kong.</i>
157416. <i>Chung-buc-tae.</i>	157456. <i>Oc-zo.</i>
157417. <i>Chung-gari.</i>	157457. <i>Oi-al-king No. 5.</i>
157418. <i>Columbia.</i>	157458. <i>Oi-al-king No. 3.</i>
157419. <i>Dairya-tsurunoko.</i>	157459. <i>Oi-al-kong.</i>
157420. <i>Dixie.</i>	157460. <i>Oi-al-kong.</i>
157421. <i>Ebony.</i>	157461. <i>Old Dominion.</i>
157422. <i>Giant.</i>	157462. <i>Patten.</i>
157423. <i>Hahto.</i>	157463. <i>Peking.</i>
157424. <i>Ham-hung-dal-ri.</i>	157464. <i>Pine Dell Perfection.</i>
157425. <i>Harbinsoy.</i>	157465. <i>Pyong-buc-tae.</i>
157426. <i>Her-man.</i>	157466. <i>Pyong-yang.</i>
157427. <i>Hong-king.</i>	157467. <i>Pyong-yang.</i>
157428. <i>Hoosier.</i>	157468. <i>Ri-ae-chong-du.</i>
157429. <i>Huwang-bozu.</i>	157469. <i>Ryuc-u No. 3.</i>
157430. <i>I-chu-tau-chow.</i>	157470. <i>Ryuc-u No. 3.</i>
157431. <i>Ic-san.</i>	157471. <i>Sang-du.</i>
157432. <i>Ic-san.</i>	157472. <i>Sang-go-ro.</i>
157433. <i>I-du.</i>	157473. <i>Southern Prolific.</i>

157394 to 157499—Continued

157474. <i>Sa-pyong-ga-huc-je.</i>	157484. <i>Ul-san.</i>
157475. <i>Sed-ka.</i>	157485. <i>Ul-san.</i>
157476. <i>Sun-cheon.</i>	157486. <i>Virginia.</i>
157477. <i>Suwon No. 1.</i>	157487. <i>Well-man.</i>
157478. <i>Suwon No. 5.</i>	157488. <i>White soybean.</i>
157479. <i>Tan-cheong.</i>	157489. <i>Wilson No. 5.</i>
157480. <i>Tanchon.</i>	157490. <i>Yong-il.</i>
157481. <i>Tan-chon-tau-roc.</i>	157491. <i>Yu-co-ro.</i>
157482. <i>Tetsu-saya-ao-mame.</i>	157492. <i>Yuc-u No. 7.</i>
157483. <i>U-ki-chol.</i>	157493. <i>So-ran-du.</i>

157494 to 157499. *ZEA MAYS* L. Poaceae.

Corn.

157494. <i>Chang-ya No. 12</i> or <i>Nagano No. 12.</i>	157497. <i>Yellow Chae-rae.</i>
157495. <i>Chang-ya No. 17</i> or <i>Nagano No. 17.</i>	157498. <i>No. 52.</i>
157496. <i>Naryang No. 1.</i>	157499. <i>No. 64.</i>

157500. *CYDONIA OBLONGA* Mill. Rosaceae.

Quince.

From France. Plants presented by Gilbert Suissa, de Laffitte, Lot-et-Garonne. Received Feb. 20, 1947.

Cognassier de Province. Used as a rootstock for pears; produces a tree of medium size.

157501 to 157508.

From France. Scions purchased from Lepage & Co., Angers, Maine-et-Loire. Received Feb. 20, 1947.

157501 and 157502. *MALUS SYLVESTRIS* Mill. Rosaceae.

Apple.

157501. *Ananas Rouge.*
157502. *Imperial Rouge.*

157503 to 157508. *PYRUS COMMUNIS* L. Rosaceae.

Common pear.

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| 157503. <i>Alexandrine Douillard.</i> | 157506. <i>Packman's Triumph.</i> |
| 157504. <i>Beurre Royal.</i> | 157507. <i>Reny Chatenay.</i> |
| 157505. <i>Charles Ernest.</i> | 157508. <i>Saint-Michel Archange.</i> |

157509 to 157522. *VITIS VINIFERA* L. Vitaceae. European grape.

From France. Cuttings presented by J. Souty, Directeur, Station de Recherches Viticoles d'Arboriculture, Fruitiere, Pont-de-la-Maye, Gironde. Received Feb. 20, 1947.

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| 157509. <i>Seibel 9.110.</i> | 157516. <i>Seyve-Villard 12-309.</i> |
| 157510. <i>Seibel 13.047.</i> | 157517. <i>Seyve-Villard 12-364.</i> |
| 157511. <i>Seibel 14.483</i> | 157518. <i>Seyve-Villard 12-375.</i> |
| 157512. <i>Seibel 14.596.</i> | 157519. <i>Seyve-Villard 18-283.</i> |
| 157513. <i>Seibel 14.639.</i> | 157520. <i>Seyve-Villard 18-315.</i> |
| 157514. <i>Seibel 15.062.</i> | 157521. <i>Seyve-Villard 20-347.</i> |
| 157515. <i>Seyve-Villard 12-303.</i> | 157522. <i>Seyve-Villard 23-501.</i> |

157523 *DENDROCALAMUS STRICTUS* (Roxb.) Nees. Poaceae.

Male bamboo.

From Florida. Plants presented by Julian Nally, Gotha. Received March 10, 1947.

157524 and 157525.

From Canada. Seeds presented by the Experimental Farm, Brandon, Manitoba.
Received Feb. 24, 1947.

157524. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.
Brandon Dwarf.

157525. MELILOTUS OFFICINALIS (L.) Lam. Fabaceae. Yellow sweetclover.
Erector.

157526 to 157528. ORYZA SATIVA L. Poaceae. Rice.

From Central America. Seeds presented by the Centro Nacional de Agronomía,
Santa Tecla, El Salvador. Received Feb. 24, 1947.

157526. *Chino.*

157527. *Criollo.*

157528. *Pico Negro.*

157529. FRAGARIA. Rosaceae. Strawberry.

From Austria. Plants obtained from General Snavely's Garden, Vienna-Grinzing,
through the American Legation, Vienna. Received Feb. 27, 1947.

Madam Motto.

157530 to 157541.

From Italy. Seeds presented by the University of Bologna. Received Feb. 20,
1947.

157530 and 157531. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.

157530. *Veneto.*

157531. *Toscana.*

157532 to 157539. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

157532. *Ravenna.*

157536. *Perugia.*

157533. *Molinella.*

157537. *Porto Tolle.*

157534. *Maccarese.*

157538. *Corte Fossoli.*

157535. *Sesto Cremonese.*

157539. *Solomeo.*

157540 and 157541. TRIFOLIUM spp. Fabaceae.

157540. TRIFOLIUM PRATENSE L.

Red clover.

157541. TRIFOLIUM REPENS L.

White clover.

Lodigiano.

157542 to 157553. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

From China. Seeds presented by Dr. Feng-Hwai Chen, Lu-Shan Botanical
Garden, Kuling, Kiukiang. Received Feb. 20, 1947.

Unless otherwise noted, material was collected in the Province of Kiangsi.

157542. Chaiga-lung, Kiukiang.

157548. Yang-Fang, Deh-An.

157543. Shang-yu.

157549. Changa-shan, Kiukiang.

157544. Kwangchang.

157550. Saho, Kiukiang.

157545. Chung-In.

157551. Sharga-Pu, Deh-An.

157546. Fengcheng.

157552. Shanghai, Kiangsu.

157547. Phonowmun, Kiukiang.

157553. Ping-ho, Chekiang.

157554 to 157557.

From Massachusetts. Scions presented by the Arnold Arboretum, Jamaica
Plain. Received Feb. 20, 1947.

157554. MALUS CORONARIA (L.) Mill. Rosaceae.

Wild sweet crabapple.

157555. MALUS CORONARIA var. DASICALYX Rehder.

157554 to 157557—Continued

157556. *MALUS GLAUCESCENS* Rehder.

Crabapple.

*Dunbar.*157557. *MALUS.**Matthews Crabapple.*

157558 to 157565.

From Australia. Seeds presented by Mrs. F. H. Baker, Richmond, Victoria.
Received Feb. 21, 1947.157558. *CALODENDRUM CAPENSE* Salberg. Rutaceae.157559. *CALOTHAMNUS GILESII* F. Muell. Myrtaceae.157560. *CHORIZEMA CORDATUM* Lindl. Fabaceae.157561. *CLIANTHUS PUNICEUS* (Don) Banks & Soland. Fabaceae.

Red parrotbeak.

157562. *GOMPHOCARPUS FRUTICOSUS* R. Br. Asclepiadaceae.157563. *GOODIA LOTIFOLIA* Salisb. Fabaceae.157564. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae.*Grandiflorum Roseum.*157565. *BRACHYCHITON ACERIFOLIUM* F. Muell. Sterculiaceae.157566 to 157611. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Korea. Seeds collected by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received Feb. 21, 1947.

157566. *Chac-dalma.*157588. *Seu-seun* No. 1.157567. *Chae-rae.*157589. *Seu-seun* No. 2.157568. *Kang-to-shin-ryac* or *Eshima-shin-ri.*157590. *Seu-seun* No. 3.157569. *Kang-to* No. 55 or *Eshima* No. 55.157591. *Seu-seun* No. 4.157570. *Nang-rim* No. 1.157592. *Seu-seun* No. 4.157571. *Nang-rim* No. 4.157593. *Seu-seun* No. 6.157572. *Nang-rim* No. 6.157594. *Seu-seun* No. 8.6.157573. *Nang-rim* No. 7.157595. *Seu-seun* No. 8.157574. *Nang-rim* No. 9.157596. *Seu-seun* No. 9.157575. *Nang-rim* No. 12.157597. *Seu-seun* No. 10.157576. *Nang-rim* No. 12.157598. *Seu-seun* No. 12.157577. *Nang-rim* No. 17157599. *Suwon* No. 85.157578. *Nang-rim* No. 17.157600. *Suwon* No. 85.157579. *Nang-rim* No. 37.157601. *Suwon* No. 86.157580. *Nang-rim* No. 38.157602. *Suwon* No. 86.157581. *Nang-rim* No. 38.157603. *Suwon* No. 92.157582. *Sachon-dalma.*157604. *Tafca.*157583. *San-ku-somaec* or *Yamaguchi-komugi.*157605. *Tafca* No. 4.157584. *Seu-seun* No. 27.157606. *Turkey.*157585. *Seo-yuc* No. 1.157607. *Turkey.*157586. *Seo-yuc* No. 7.157608. *Yuc-song* No. 3.157587. *Seo-yuc* No. 10.157609. *Yuc-song* No. 3.157610. *Yuc-song* No. 6.157611. *Yuc-song* No. 6.

157612 to 157622.

From Japan. Seeds presented by S. Osawa, Yoshimoto, Muko-gun, Hyogo Prefecture. Received Feb. 10, 1947.

157612 and 157613. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

From Lanchow, China.

157614. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

(No special notes.)

157615. *CUCUMIS MELO* L.

From Nanking, China.

157616. *CUCUMIS SATIVUS* L. **Cucumber.**

From Hopeh, China.

157617. *CUCUMIS MELO* L. **Muskmelon.**

(No special notes.)

157618. *CUCUMIS SATIVUS* L. **Cucumber**

(No special notes.)

157619. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**

From Lanchow, China.

157620 to 157622. *SORGHUM VULGARE* Pers. Poaceae.

157620 and 157621. From Peiping, China.

157622. From Ihsien, Hopeh, China.

157623 to 157649. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight. **Adzuki bean.**
Fabaceae.

From Korea. Seeds collected by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received Feb. 21, 1947.

157623. No. 5.	157637. No. 70.
157624. No. 20.	157638. No. 73.
157625. No. 26.	157639. No. 74.
157626. No. 28.	157640. No. 82.
157627. No. 30.	157641. No. 83.
157628. No. 32.	157642. No. 90.
157629. No. 37.	157643. No. 91.
157630. No. 38.	157644. No. 99.
157631. No. 50.	157645. No. 102.
157632. No. 51.	157646. No. 104.
157633. No. 60.	157647. No. 107.
157634. No. 64.	157648. No. 115.
157635. No. 66.	157649. No. 116.
157636. No. 67.	

157650 to 157726. HORDEUM VULGARE L. Poaceae.

Barley.

From Korea. Seeds presented by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received Feb. 24, 1947.

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| 157650. <i>Bac-dong</i> No. 38 or <i>Shiro-do</i> No. 38. | 157686. <i>Sam-to</i> or <i>Mishima</i> . |
| 157651. <i>Bae-chi</i> . | 157687. <i>Seki-tori</i> . |
| 157652. <i>Bae-chi</i> . | 157688. <i>Sekitori-sai</i> No. 1. |
| 157653. <i>Baec-dong</i> . | 157689. <i>Semi-bari</i> . |
| 157654. <i>Baec-sa-kac</i> . | 157690. <i>Shin</i> No. 4. |
| 157655. <i>Buan Bui-saru</i> (naked barley). | 157691. <i>Shu-ha</i> or <i>Take shita</i> . |
| 157656. <i>Cha-dae-maec</i> or <i>Murasaki-omugi</i> . | 157692. <i>Sung-mac</i> No. 126. |
| 157657. <i>Chae-rae-bac</i> . | 157693. <i>Sung-maic</i> No. 15. |
| 157658. <i>Chae-rae-bac</i> . | 157694. <i>Suwon</i> No. 3. |
| 157659. <i>Chae-rae-chang</i> . | 157695. <i>Suwon</i> No. 3. |
| 157660. <i>Chae-rae-chang</i> . | 157696. <i>Suwon</i> No. 4. |
| 157661. <i>Chang-chu-bac-ra</i> or <i>Cha-shu-shiro-hataka</i> . | 157697. <i>Suwon</i> No. 4. |
| 157662. <i>Chang-gi-chosaeng-ra</i> or <i>Nagasaki-wase-hataka</i> . | 157698. <i>Suwon</i> No. 5. |
| 157663. <i>Chang-mac</i> . | 157699. <i>Suwon</i> No. 5. |
| 157664. <i>Chang-mang-ryuc</i> . | 157700. <i>Suwon</i> No. 6. |
| 157665. <i>Chan-nam-shin</i> No. 4. | 157701. <i>Suwon</i> No. 6. |
| 157666. <i>Che-chan</i> No. 5. | 157702. <i>Suwon</i> No. 7. |
| 157667. <i>Chin-an-dong</i> . | 157703. <i>Suwon</i> No. 8. |
| 157668. <i>Cho-shin-ryac</i> . | 157704. <i>Suwon</i> No. 11. |
| 157669. <i>Chun-chon-chae-rae</i> . | 157705. <i>Suwon</i> No. 13. |
| 157670. <i>Chung-bari</i> No. 15. | 157706. <i>Suwon</i> No. 13. |
| 157671. <i>Chung-mac</i> No. 15. | 157707. <i>Suwon</i> No. 14. |
| 157672. <i>Dae-chou-ryuc-kai</i> . | 157708. <i>Suwon</i> No. 14. |
| 157673. <i>Dang-bari</i> No. 42. | 157709. <i>Suwon</i> No. 15. |
| 157674. <i>Dang-bari</i> . | 157710. <i>Suwon</i> No. 18. |
| 157675. <i>Kabin-kataki</i> No. 4 (naked barley). | 157711. <i>Suwon</i> No. 20. |
| 157676. <i>Kayang-chae-rae</i> (naked barley). | 157712. <i>Suwon</i> No. 24. |
| 157677. <i>Kwira-chon-buc</i> (naked barley). | 157713. <i>Suwon</i> No. 25. |
| 157678. <i>Kyo-bae</i> No. 35. | 157714. <i>Suwon</i> No. 26. |
| 157679. <i>Kyom-chal</i> or <i>Kama are</i> . | 157715. <i>Suwon</i> No. 27. |
| 157680. <i>Kyong-nam</i> No. 89. | 157716. <i>Suwon</i> No. 28. |
| 157681. <i>Mammoat</i> . | 157717. <i>Suwon</i> No. 29. |
| 157682. <i>Nu-ru-bari</i> . | 157718. <i>Suwon</i> No. 29. |
| 157683. <i>O-wi</i> (naked barley). | 157719. <i>Suwon</i> No. 31. |
| 157684. <i>Pyang-go-ra</i> or <i>Hyo-go-hatka</i> . | 157720. <i>Suwon</i> No. 31. |
| 157685. <i>Sam-cho</i> No. 36. | 157721. <i>Suwon</i> No. 32. |
| | 157722. <i>Suwon</i> No. 37. |
| | 157723. <i>To-wan</i> or <i>Shima-bara</i> (naked barley). |
| | 157724. <i>Yong-wol-ryuc-kac</i> . |
| | 157725. <i>Yuc-u</i> No. 1. |
| | 157726. <i>Yun-wol-yuc-kac</i> . |

157727 to 157739.

From England. Plants purchased from J. Cheal & Sons, Ltd., Lowfield Nurseries, Crawley, Sussex. Received Feb. 24, 1947.

157727 to 157735. MALUS SYLVESTRIS Mill. Rosaceae.

Apple.

157727. *Bridgewater.*

157732. *Loddington.*

157728. *Crawley Reinette.*

157733. *Norfolk Beefing.*

157729. *Hambling's Seedling.*

157734. *Pine Golden Pippin.*

157730. *Pippin.*

157735. *Sandringham.*

157731. *Lemon Pippin.*

157736 to 157739. PYRUS COMMUNIS L. Rosaceae.

Common pear.

157736. *Alexander Lambre.*

157738. *Roosevelt or Verulam.*

157737. *Princess.*

157739. *Roosevelt or Verulam.*

157740 and 157741. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Italy. Seeds presented by Capt. Ralph Germann, Agricultural Section, UNRRA, Italian Mission, Rome. Received Feb. 26, 1947.

157740. An early-maturing type.

157741. Dwarf type.

157742 to 157751.

From China. Seeds presented by the Botanic Garden, Sun Yat-Sen's Memorial Park Commission, Nanking. Received Feb. 27, 1947.

157742. ARISTOLOCHIA DEBILIS Sieb. & Zucc. Aristolochiaceae.

A Japanese species; flowers purplish-green.

157743. CAMELLIA OLEOSA (Lour.) Rehd. Theaceae.

157744. CHAENOMELES JAPONICA (Thunb.) Lindl. Rosaceae.

Dwarf Japanese quince.

157745. GREWIA BILOBA Don. Tiliaceae.

157746. HEMEROCALLIS FULVA L. Liliaceae.

157747. LILIUM sp. Liliaceae.

157748. PASSIFLORA EDULIS Sims. Passifloraceae.

Purple granadilla.

157749. RHYNCHOSIA VOLUBILIS Lour. Fabaceae.

Rosarybean.

157750. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae.

Kudzu.

157751. TRICHOSANTHES sp. Cucurbitaceae.

157752 to 157790. VITIS VINIFERA L. Vitaceae.

European grape.

From Portugal. Cuttings presented by Ed. Sa Pereira, Porto. Received Mar. 3, 1947.

157752. *Alicante Branca No. 681.*

157762. *Donna Branca No. 871.*

157753. *Alicante Espanhol No. 676.*

157763. *Dourada No. 872.*

157754. *Alicante Preso No. 680.*

157764. *Espadeiro (Padeiro) No. 804.*

157755. *Alicante Vermelho No. 678.*

157765. *Fernão Pires No. 856.*

157756. *Avarelhão No. 807.*

157766. *Ferral No. 665.*

157757. *Azal No. 800.*

157767. *Ferral Castelhana No. 709.*

157758. *Bastardo da Madeira No. 763.*

157768. *Ferral Ceitã (F. Aceirã) (F. Azeitã) No. 704.*

157759. *Borracal No. 801.*

157769. *Ferral de Izalva (F. Zé Avles) (F. Izalves) No. 696.*

157760. *Dedo de Dama No. 686.*

157761. *Diagalves (Diogo Alves) No. 641.*

157770. *Ferral Tinto No. 711.*

157752 to 157790—Continued

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| 157771. <i>Formosa (Formoso) No. 689.</i> | 157781. <i>Souzão No. 809.</i> |
| 157772. <i>Joanene No. 728.</i> | 157782. <i>Ternantez No. 769.</i> |
| 157773. <i>Malvasia Rei No. 766.</i> | 157783. <i>Ferral Tamarra (F. Tinto Tamarã) No. 659.</i> |
| 157774. <i>Malvasia Roxa No. 765.</i> | 157784. <i>Tinta Amarela No. 823.</i> |
| 157775. <i>Malvasia Tinta No. 764.</i> | 157785. <i>Tinta Carvalha No. 822.</i> |
| 157776. <i>Maria Gomes No. 855.</i> | 157786. <i>Tinta Francisca No. 821.</i> |
| 157777. <i>Moscatel Tinto Da Madeira No. 657.</i> | 157787. <i>Tinto No. 826.</i> |
| 157778. <i>Olho de Pargo Bo. 685.</i> | 157788. <i>Touriga No. 820.</i> |
| 157779. <i>Periquita (Trincadeira) No. 660.</i> | 157789. <i>Verdelho Doce (Verdelho) No. 806.</i> |
| 157780. <i>Portugues Azul No. 726.</i> | 157790. <i>Vinhão No. 827.</i> |

157791 to 157796. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From the Dominican Republic. Tubers presented by George H. Hamor, Barahona. Received Mar. 6, 1947.

(No special notes.)

157797 to 157799. PRUNUS AVIUM L. Rosaceae. Sweet cherry.

From Idaho. Scions presented by Leif Verner, Agricultural Experiment Station, Moscow. Received Mar. 3, 1947.

- 157797.** *Ebony.*
157798. *Lamida.*
157799. *Spaulding.*

157800 to 157817.

From the Anglo-Egyptian Sudan. Seeds presented by the Research Bureau, Wad Medani. Received Feb. 17, 1947.

- 157800.** *PANICUM MILIACEUM L. Poaceae. Proso.*
T. 9. Addar Omgir.

157801 to 157817. SORGHUM spp. Poaceae.

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| 157801 to 157804. <i>SORGHUM VULGARE Pers.</i> | |
| 157801. <i>T. 474. Alathgau.</i> | 157803. <i>T. 525. Cyprus Dura.</i> |
| 157802. <i>T. 487. Barbari Orange.</i> | 157804. <i>T. 339. Felerita Abu Derega.</i> |

- 157805.** *SORGHUM SUDANENSE (Piper) Stapf. Sudan grass.*
T. 559. Gerawi.

157806 to 157817. SORGHUM VULGARE Pers.

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| 157806. <i>T. 609. Keifallah.</i> | 157813. <i>T. 176. Rahmetalla Galabat Pink.</i> |
| 157807. <i>T. 113. Hameza-I.</i> | 157814. <i>T. 608. Saфра Managil.</i> |
| 157808. <i>T. 121. Hemaisi G. R. F.</i> | 157815. <i>T. 177. Shellshelly Cream.</i> |
| 157809. <i>T. 175. Hemaisi Sher-sher.</i> | 157816. <i>T. 523. Tabroro.</i> |
| 157810. <i>T. 173. Merissa Kuku.</i> | 157817. <i>T. 610. Tilling.</i> |
| 157811. <i>T. 174. Muguo Yellow.</i> | |
| 157812. <i>T. 187. Muguo White.</i> | |

157818 to 157835.

From New Zealand. Seeds presented by Duncan and Davies, New Plymouth.
Received Feb. 10, 1947.

157818. *AGATHIS AUSTRALIS* (Lamb.) Steud. Pinaceae. **Kauri pine.**

157819. *CLIANTHUS PUNICEUS* (Don) Banks & Soland. Fabaceae.
Red parrotbeak.

157820 and 157821. *COROKIA COTONEASTER* Raoul. Cornaceae.

157820. No. 1.

157821. No. 2.

157822. *CYATHEA MEDULLARIS* Swartz. Cyatheaceae.

Black Tree Fern.

157823. *DICKSONIA SQUARROSA* Swartz. Pteridaceae.

Tree Fern.

157824. *DODONAEA VISCOSA* (L.) Jacq. Sapindaceae. **Hopbush.**

157825. *ENTELEA ARBORESCENS* R. Br. Tiliaceae.

157826. *HYMENANTHERA OBOVATA* T. Kirk. Violaceae.

157827. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae.

Sanders.

157828. *METROSIDEROS DIFFUSA* J. E. Smith. Myrtaceae. **Iron tree.**

157829. *METROSIDEROS FLORIDA* (L.) J. E. Smith.

157830. *METROSIDEROS VILLOSA* (L.) J. E. Smith.

157831. *PACHYSTEGIA INSIGNIS* (Hook. f.) Cheesem. Asteraceae.

A white-flowered shrub with spreading habits.

157832. *PIMELEA LONGIFOLIA* Banks and Soland. Thymelaeaceae.

157833. *PITTIOSPORUM BUCHANANI* Hook. f. Pittosporaceae.

157834. *SOPHORA TETRAPTERA* var. *MICROPHYLLA* Hook. f. Fabaceae.

157835. *VITEX LUCENS* Kirk. Verbenaceae.

157836 to 157846. ZEA MAYS L. Poaceae. Corn.

From Southern Rhodesia. Seeds presented by the Department of Agriculture,
Salisbury. Received Mar. 3, 1947.

157836. Inbred No. A1-7-3.

157842. Hybrid No. 7H36.

157837. Inbred No. D10-3-4-2.

157843. Hybrid No. 7H101.

157838. Inbred No. N1-9-1-5.

157844. Hybrid No. 7H139.

157839. Inbred No. N3-1-3-6.

157845. Hybrid No. 7H160.

157840. Inbred No. N3-1-4-5.

157846. Hybrid No. 7H220.

157841. Inbred No. N3-1-7-1.

157847 and 157848. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Idaho. Scions presented by the Agricultural Experiment Station, Moscow.
Received Mar. 4, 1947.

157847. *Idared.*

157848. *Payette.*

157849. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.

From Canada. Seeds presented by the University of Saskatchewan, Saskatoon,
Saskatchewan. Received Feb. 17, 1947.

Alpha No. 1.

157850. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Palestine. Seeds presented by the Department of Agriculture and Fisheries, Jerusalem. Received Feb. 24, 1947.

Marmande.

157851 to 157862.

From Korea. Seeds collected by Dr. V. H. Florell, USAMGIK, Suwon. Received Feb. 24, 1947.

157851 to 157861. SETARIA spp. Poaceae.**Millet.**

157851. *SETARIA ITALICA* (L.)
Beauv.

America.

157852. *SETARIA ITALICA* (L.)
Beauv.

Baec-saec-yu-mang.

157853. *SETARIA* sp.

Baec-saec-yu-mang.

157854. *SETARIA* sp.

Chat-tori.

157855. *SETARIA* sp.

China No. 1.

157856. *SETARIA* sp.

Datae-oliwa.

157857. *SETARIA* sp.

Morei.

157858. *SETARIA* sp.

Pyong-yang.

157859. *SETARIA* sp.

Pung-cho-saeng.

157860. *SETARIA* sp.

Seon-bal No. 3.

157861. *SETARIA* sp.

157862. SORGHUM VULGARE Pers. Poaceae.**157863 to 157874. ZEA MAYS L. Poaceae.****Corn.**

From Italy. Seeds presented by Capt. Ralph Germann, Agricultural Section, UNRRA, Rome. Received Mar. 5, 1947.

157863 to 157872. From the Stazione Sperimentale di Maiscoltura, Bergamo.

157863. *Ibrido Bergamasco.*

157868. *Quarantino Biallo.*

157864. *Isola Basso.*

157869. *Quarantino Sacra Famiglia.*

157865. *Marano.*

157870. *San Pancrazio.*

157866. *Mostrano del' Isola.*

157871. *Scagliolo Marne.*

157867. *Quarantino Bianco.*

157872. *Scagliolo 23 A.*

157873 and 157874. From the Istituto di Allevamento Vegetale per la Cereali-coltura, Bologna.

157873. *Macario* (I. BO. 9).

157874. *Merlino* (I. BO. 26).

157875. MANDRAGORA OFFICINARUM L. Solanaceae.**Mandrake.**

From France. Seeds presented by Robert Douin, Directeur du Jardin Botanique, Lyon. Received Mar. 3, 1947.

157876. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From India. Presented by the Government of Bombay. Received Mar. 7, 1947.

157877. VITIS VINIFERA L. Vitaceae.**European grape.**

From Greece. Cuttings presented by the Superior School of Agriculture, Athens. Received Mar. 18, 1947.

Strongylhorax. Mutation of the *Sultanina*, or *Thompson Seedless*.

157878 to 157924.

From Italy. Seeds presented by Capt. Ralph Germann, Agricultural Section, UNRRA, Rome. Received Mar. 5, 1947.

157878 to 157883. AVENA SATIVA L. Poaceae.

Oats.

157878 to 157881. From the Istituto di Allevamento Vegetale per la Cerealicoltura, Bologna.

157878. *Aida* (I. BO. 32).

157880. *Angelica* (I. BO. 33).

157879. *Anna* (I. BO. 30).

157881. *Astra* (I. BO. 28).

157882 and 157883. From the Istituto Nazionale di Genetica per la Alicoltura, Rome.

157882. *Lazio*.

157883. *Tavoliere*.

157884 to 157892. HORDEUM spp. Poaceae.

Barley.

157884 to 157887. From the Istituto di Allevamento Vegetale per la Cerealicoltura, Bologna.

157884 to 157886. HORDEUM VULGARE L.

157884. *Orazio* (I. BO. 25).

157885. *Orfeo* (I. BO. 27).

157886. *Otello* (I. BO. 35).

157887. HORDEUM DISTICHON L.

Ottone (I. BO. 28).

157888 to 157892. From the Istituto Nazionale di Genetica per la Alicoltura, Rome.

157888 and 157889. HORDEUM DISTICHON L.

157888. *Alba*.

157889. *Aurora*.

157890. HORDEUM VULGARE L.

Avanguardia.

157891. HORDEUM DISTICHON L.

Leonessa.

157892. HORDEUM VULGARE L.

Maranini.

157893 to 157898. ORYZA SATIVA L. Poaceae.

Rice.

From the Stazione Sperimentale Riscicoltura, Verselli.

157893. *Americano 1600*.

157896. *Maratelli*.

157894. *Balilla*.

157897. *Razza 77*.

157895. *Chiappelli Adelaide*.

157898. *Razza 115*.

157899. TRIFOLIUM REPENS L. Fabaceae.

White clover.

From the Stazione Sperimentale, Lodi.

Ladino Gigante.

157900 to 157924. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

157900 to 157903. From the Istituto di Allevamento Vegetale per la Cerealicoltura, Bologna.

157900. *Falcone* (I. BO. 220).

157902. *Florio* (I. BO. 215).

157901. *Fiorello* (I. BO. 218).

157903. *Fulvo* (I. BO. 214).

157878 to 157924—Continued

157900 to 157924—Continued

157904 to 157906. From the Stazione Sperimentale, Pisa.

157904. *100 P.*157905. *Libia 108 P.*157906. *Gr. 2.*

157907 to 157924. From the Ministero di Agricoltura, Rome.

157907 to 157920. Soft wheats.

157907. *Ardito.*157908. *Apulio Precoce.*157909. *Ausonia.*157910. *Cerero.*157911. *Comande Baudi.*157912. *Comandante Novaro.*157913. *Fanfulla.*157914. *Libero.*157915. *Mentana.*157916. *Roma.*157917. *Salto.*157918. *S. Pastoro.*157919. *Tevore.*157920. *Velino.*

157921 to 157924. Hard wheats.

157921. *Aziziah.*157922. *Sabaudia.*157923. *Senatore Capalli.*157924. *Dauno.*

157925 to 157929. AVENA SATIVA L. Poaceae.

Oats.

From Alaska. Seeds presented by O. S. Aamodt, Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Collected at the Agricultural Experiment Station, College. Received Mar. 20, 1947.

157925. *1-45.*157928. *4-45.*157926. *2-45.*157929. *5-45.*157927. *3-45.*

157930 to 157986. TRITICUM spp. Poaceae.

Wheat.

From Italy. Seeds presented by the Stazione Sperimentale di Granicoltura, Catania, Sicily, through Capt. Ralph Germann, Agricultural Section, UNRRA, Rome. Received Mar. 5, 1947.

157930 to 157949. TRITICUM AESTIVUM L.

Common wheat.

157930. *Albidum. No. 3824 B.*157940. *Alborubrum. No. 13853 A.*157931. *Albidum. No. 3824 B 3.*157941. *Alborubrum. No. 23835 B 1.*157932. *Albidum. No. 13811 A.*157942. *Alborubrum. No. 53833 A.*157933. *Albidum. No. 13833 B.*157943. *Alborubrum. No. 53833 A 3.*157934. *Albidum. No. 43820 A 5.*157944. *Alborubrum. No. 63840 B 2.*157935. *Albidum. No. 43820 A 10.*157945. *Ferrugineum. No. 23866 A 3.*157936. *Albidum. No. 43860 A.*157946. *Ferrugineum. No. 23878 B.*157937. *Albidum. No. 73844 A 3.*157947. *Maiorca.*157938. *Alborubrum. No. 13811 A 3.*157948. *Maiorccone.*157939. *Alborubrum. No. 13835 A.*157949. *Romano.*

157930 to 157986—Continued

157950 to 157982. TRITICUM DURUM Desf.

Durum wheat.

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| 157950. <i>Leucomelan</i> . No. 13892 C. | 157968. <i>Reichenbachii</i> . <i>Urria</i> . |
| 157951. <i>Leucomelan</i> . No. 13892 D. | 157969. <i>Melanopus</i> . <i>Farro Lungo</i> . |
| 157952. <i>Leucurum</i> . No. 43892 G. | 157970. <i>Melanopus</i> . <i>Giustalisa</i> . |
| 157953. <i>Hordeiforme</i> . No. 438147 B. | 157971. <i>Melanopus</i> . <i>Martinella</i> . |
| 157954. <i>Leucurum</i> . <i>Francesa</i> . | 157972. <i>Melanopus</i> . <i>Semenzella</i> . |
| 157955. <i>Leucurum</i> . <i>Francesone</i> . | 157973. <i>Hordeiforme</i> . <i>Russello</i> . |
| 157956. <i>Leucurum</i> . <i>Gigante</i> . | 157974. <i>Erythromelan</i> . <i>Castiglione Glabra</i> . |
| 157957. <i>Leucurum</i> . <i>Regina</i> . | 157975. <i>Erythromelan</i> . <i>Cotrone</i> . |
| 157958. <i>Leucurum</i> . <i>Sammartinara</i> . | 157976. <i>Erythromelan</i> . <i>Gioia</i> . |
| 157959. <i>Leucurum</i> . <i>Tripolino</i> . | 157977. <i>Erythromelan</i> . <i>Pavone</i> . |
| 157960. <i>Leucomelan</i> . <i>Biancuccia</i> . | 157978. <i>Erythromelan</i> . <i>Ruscia</i> . |
| 157961. <i>Leucomelan</i> . <i>Bidi</i> . | 157979. <i>Erythromelan</i> . <i>Vallelunga Glabra</i> . |
| 157962. <i>Leucomelan</i> . <i>Chiattulidda</i> . | 157980. <i>Amplicum</i> . <i>Vallelunga Pubescente</i> . |
| 157963. <i>Leucomelan</i> . <i>Girgentana</i> . | 157981. <i>Niloticum</i> . <i>Castiglione Pubescente</i> . |
| 157964. <i>Leucomelan</i> . <i>Inglesa</i> . | 157982. <i>Coerulescens</i> . <i>Scorsonera</i> . |
| 157965. <i>Leucomelan</i> . <i>Trentino</i> . | |
| 157966. <i>Reichenbachii</i> . <i>Scavuzza</i> . | |
| 157967. <i>Reichenbachii</i> . <i>Tunisina</i> . | |

157983 to 157986. TRITICUM TURGIDUM L.

Poulard wheat.

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| 157983. <i>Speciosissima</i> . <i>Bivona</i> . | 157985. <i>Iodurum</i> . <i>Bufala Nera Corta</i> . |
| 157984. <i>Martensii</i> . <i>Bufala Rossa Lunga</i> . | 157986. <i>Iodurum</i> . <i>Bufala Nera Lunga</i> . |

157987 to 157990.

From Missouri. Scions presented by the Stark Bros. Nurseries, Louisiana.
Received Mar. 6, 1947.

157987. PRUNUS PERSICA (L.) BATSCH. Rosaceae.

Peach.

Halberta.

157988 to 157990. MALUS SYLVESTRIS Mill. Rosaceae.

Apple.

157988. *Golden Delicious*.157989. *Scarlet Staymared*.157990. *Starking*.

157991 to 157994.

From Italy. Seeds presented by Capt. Ralph Germann, Agricultural Section,
UNRRA, Rome. Received Mar. 7, 1947.

157991 to 157993. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From the Istituto di Allevamento Vegetale per la Cerealicoltura, Bologna.

157991. *Pancrazio* (I. BO. 15).157992. *Prezioso* (I. BO. 22).157993. *Prospero* (I. BO. 21).

157994. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

From the Department of Agriculture, Rome.

M. 6. Strampelli.

157995 to 157999. PRUNUS AVIUM L. Rosaceae. Sweet cherry.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Mar. 7, 1947.

157995. Selection from P. I. 127413. 157998. Selection from P. I. 125558.

157996. Selection from P. I. 125774. 157999. Selection from P. I. 132029.

157997. Selection from P. I. 132561.

158000 to 158011. VICIA SATIVA L. Fabaceae. Common vetch.

From Italy. Seeds presented by the Stazione Sperimentale di Granicoltura, Catania, Sicily, through Capt. Ralph Germann, Agricultural Section, UNRRA, Rome. Received Mar. 7, 1947.

158000. No. 33001. 158006. No. 34001.

158001. No. 33002. 158007. No. 34002.

158002. No. 33003. 158008. No. 38001.

158003. No. 33004. 158009. No. 38002.

158004. No. 33005. 158010. S. G. T.

158005. No. 33006. 158011. *Cordata*.

158012 to 158022.

From Austria. Seeds presented by I. Bolsunov, Landeskommission für Land und Forstwirtschaft, Steiermark, Graz. Received Mar. 7, 1947.

158012 to 158014. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

158012. *Bolsunov's 16/1* (sweet.)

158013. *Neusiedler* (sweet.)

158014. *Nocera* (sweet.)

158015 to 158020. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

158015. *Berliner Netz*. 158018. *Bolsunov's No. 8*.

158016. *Bolsunov's No. 5*. 158019. *Stuzie No. 9*.

158017. *Bolsunov's No. 7*. 158020. *Vierlander Netz*.

158021 and 158022. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

158021. *Immune*.

158022. *Sieger*.

158023 to 158115.

From China. Seeds presented by Dr. Feng-Hwai Chen, Lu-Shan Botanical Garden, Kuling, Kiukiang. Received Mar. 7, 1947.

158023 and 158024. ARACHIS HYPOGAEA L. Fabaceae. Common peanut.

158023. *Fuan, Fukien*.

158024. *Nanchang, Kiangsi*.

158025 to 158034. HELIANTHUS ANNUUS L. Asteraceae. Common sunflower.

From the Province of Kiangsi unless otherwise noted.

158025. *Chaiga-lung, Kiukiang*. 158030. *Gaugaling, Singtze*.

158026. *Changa-shan, Kiukiang*. 158031. *Kiutoo, Swichang*.

158027. *Phonowmun, Kiukiang*. 158032. *Sharga-Pu, Deh-An*.

158028. *Saho, Kiukiang*. 158033. *Dung-shan, Swichang*.

158029. *Yang-Fang, Deh-An*. 158034. *Shanghai, Kiangsu*.

158035 to 158037. RHODODENDRON spp. Ericaceae.

158035. *RHODODENDRON FORTUNEI* Lindl.

158036. *RHODODENDRON MARIESII* Hemsl. & Wils

158037. *RHODODENDRON SIMSII* Planch.

158023 to 158115—Continued

158038 to 158079. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

Seeds from Kiangsi Province unless otherwise noted.

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| 158038. Chaiga-lung, Kiukiang. | 158059. Sharga-Pu, Deh-An. |
| 158039. Chaiga-lung, Kiukiang. | 158060. Kaulung, Singtze. |
| 158040. Chang-shan, Kiukiang. | 158061. Kaulung, Singtze. |
| 158041. Chang-shan, Kiukiang. | 158062. Kiutoo, Swichang. |
| 158042. Dungling, Kiukiang. | 158063. Kwunkou, Singtze. |
| 158043. Dungling, Kiukiang. | 158064. Kwunkou, Singtze. |
| 158044. Kutang, Kiukiang. | 158065. Nanchang, Singtze. |
| 158045. Kutang, Kiukiang. | 158066. Shang-yu, Singtze. |
| 158046. Phonowmun, Kiukiang. | 158067. Shang-yu, Singtze. |
| 158047. Phonowmun, Kiukiang. | 158068. Shang-yu, Singtze. |
| 158048. Saho, Kiukiang. | 158069. Kiutoo, Swichang. |
| 158049. Saho, Kiukiang. | 158070. Yang-Fang, Deh-An. |
| 158050. Changhanling, Singtze. | 158071. Yang-Fang, Deh-An. |
| 158051. Changhanling, Singtze. | 158072. Nanhwei, Kiangsu. |
| 158052. Chung-In, Singtze. | 158073. Shanghai, Kiangsu. |
| 158053. Dung-shan, Swichang. | 158074. Fuan, Fukien. |
| 158054. Dung-shan, Swichang. | 158075. Pingho, Chekiang. |
| 158055. Fengcheng, Swichang. | 158076. Pingho, Chekiang. |
| 158056. Gaugaling, Singtze. | 158077. Pingho, Chekiang. |
| 158057. Nanchang, Singtze. | 158078. Pingho, Chekiang. |
| 158058. Sharga-Pu, Deh-An. | 158079. Pingho, Chekiang. |

158080 to 158115. *SORGHUM VULGARE* Pers. Poaceae.

From Kiangsi Province unless otherwise noted.

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| 158080. Chaiga-lung, Kiukiang. | 158098. Dung-shan, Swichang. |
| 158081. Chaiga-lung, Kiukiang. | 158099. Kiutoo, Swichang. |
| 158082. Changa-shan, Kiukiang. | 158100. Kiutoo, Swichang. |
| 158083. Dung-Ling, Kiukiang. | 158101. Sharga-Pu, Deh-An. |
| 158084. Dung-Ling, Kiukiang. | 158102. Sharga-Pu, Deh-An. |
| 158085. Kutang, Kiukiang. | 158103. Yang-Fang, Deh-An. |
| 158086. Kutang, Kiukiang. | 158104. Yang-Fang, Deh-An. |
| 158087. Phonowmun, Kiukiang. | 158105. Nanchang, Kiangsi. |
| 158088. Saho, Kiukiang. | 158106. Nanchang, Kiangsi. |
| 158089. Changhaning, Singtze. | 158107. Fuan, Fukien. |
| 158090. Changhaning, Singtze. | 158108. Fuchow, Fukien. |
| 158091. Gaugaling, Singtze. | 158109. Fuchow, Fukien. |
| 158092. Gaugaling, Singtze. | 158110. Fengchang. |
| 158093. Kaulung, Singtze. | 158111. Nanhwei, Kiangsu. |
| 158094. Kaulung, Singtze. | 158112. Nanhwei, Kiangsu. |
| 158095. Kwunkou, Singtze. | 158113. Nanhwei, Kiangsu. |
| 158096. Kwunkou, Singtze. | 158114. Nanhwei, Kiangsu. |
| 158097. Dung-shan, Swichang. | 158115. Shanghai, Kiangsu. |

158116 to 158130. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From India. Seeds presented by W. F. Dickson, Agricultural Attaché, American Embassy, New Delhi. Received Mar. 10, 1947.

158116. From a local bazaar near New Delhi.

158117. From the Economic Botanist, Bihar.

No. 42.

158118 to 158122. From the Fodder Botanist, Sirsa, Punjab.

158118. *Sirsa 2*.

158121. *Sirsa N. H. 1*.

158119. *Sirsa 56*.

158122. *Sirsa N. H. 6*.

158120. *Sirsa 69*.

158123 to 158130. From the Crop Botanist, Poona.

158123. *Ahmednagar (local)*.

158127. *Deshi*.

158124. *Sotia (red short pods)*.

158128. *Chawalkai*.

158125. *Mulkhania*.

158129. *Pardeshi*.

158126. *Surti*.

158130. From the local college farm.

158131 to 158159.

From the U. S. S. R. Seeds presented by the Institute of Plant Industry, Leningrad. Received Mar. 11, 1947.

158131 to 158134. *ALLIUM CEPA* L. Liliaceae.

Onion.

158131. *Bessonovsky*. Penzencky District.

158132. *Danilovsky*. Ivanovo District.

158133. *Scopinsky*. Moscow District.

158134. *Strigunovsky*. Kursk District.

158135 to 158142. *AVENA SATIVA* L. Poaceae.

Oats.

158135. *K. 1741*. Irkutsk District.

158136. *Mutica*. *Severianin*. Kirov District.

158137. *Mutica*. *Khybiny 01*. Khybiny District.

158138. *Aurea*. *G. D. S.-11*. Suida, Leningrad District.

158139. Irkutsk District.

158140. *Magansky 339*. Jakutia District.

158141. *Khybiny 02*. Krasnoufimsk District.

158142. *Aurea*. *Tulunsky 86/5*. Eastern Siberia.

158143 to 158147. *ELYMUS* spp. Poaceae.

158143. *ELYMUS SIBIRICUS* L.

K-7828.

158144. *ELYMUS ARENARIUS* L.

K-14606. Altai region.

158145. *ELYMUS* sp.

K-19482. Altai region.

158146. *ELYMUS* sp.

K-19311. Western Siberia, Khakassia.

158147. *ELYMUS* sp.

K-14608. Ukraine region.

158131 to 158159—Continued

- 158148 to 158158. *Gossypium* spp. Malvaceae. Cotton.
 158148. *Gossypium barbadense* L. Sea-island cotton.
Maarad. K-3130. Tashkent.
 158149 to 158158. *Gossypium hirsutum* L. Upland cotton.
 From Tashkent District.
 158149. K-2095. 189 *Keckhan*. 158154. K-3108. *Navrotzky*.
 158150. K-2102. 182 *Ak-Djura*. 158155. K-3112. *Pioner*.
 158151. K-2264. 36 M 2. 158156. K-3122. 0491.
 158152. K-3103. No. 2017. 158157. K-3129. 8517.
 158153. K-3104. 158158. K-3131. 8582.
 158159. *Lupinus luteus* L. Fabaceae. Yellow lupine.
Veitka. Sweet variety from Germany.

158160 to 158173. *Lycopersicon esculentum* Mill. Solanaceae.
 Tomato.

From Venezuela. Seeds presented by an unknown donor. Received Mar. 11, 1947.

- 158160 to 158165. *Tomate Chiquito*.
 158160. La Montana, Municipio 158163. Timotes, Mérida.
 Los Eastrojos, Lara. 158164. Timotes, Mérida.
 158161. Chachopo, Mérida. 158165. Valera, Trujillo.
 158162. Santa Rosa, Lara.
 158166. *Tomate Cimmarron*. Valera, Trujillo.
 158167. *Tomate Cimmarron*. Valera, Trujillo.
 158168. *Tomate de Monte*. Mérida, Mérida.
 158169. *Tomate de Monte*. Mérida, Mérida.
 158170. Trujillo.
 158171. *Tomate Piruli*. Mesa de Esnujaque, Trujillo.
 158172. *Tomate Guebito*. Maracay, Aragua.
 158173. *Tomatico*. Mérida, Mérida.

158174 to 158180.

From England. Scions purchased from Clibrans Ltd., Altrincham. Received Mar. 11, 1947.

- 158174 to 158176. *Malus sylvestris* Mill. Rosaceae. Apple.
 158174. *Monarch*.
 158175. *New Northern Greening*.
 158176. *Sure Crop*.
 158177. *Malus*.
Crabapple Victoria.
 158178 to 158180. *Pyrus communis* L. Rosaceae. Common pear.
 158178. *Beurre d'Amanlis*.
 158179. *Colmer d'Ete*.
 158180. *Doyenne d'Ete*.

158181 to 158195.

From Haiti. Seeds collected by J. W. Jones, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 12, 1947.

158181 to 158194. *ORYZA SATIVA* L. Poaceae. **Rice.**

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| 158181. No. 1. Bulk; threshing floor. | 158188. No. 8. |
| 158182. No. 2. <i>Timonchette</i> (late). | 158189. No. 9. |
| 158183. No. 3. <i>Timonchette</i> (early). | 158190. No. 10. |
| 158184. No. 4. <i>Rezoro</i> . | 158191. No. 11. |
| 158185. No. 5. <i>Fortuna</i> . | 158192. No. 12. |
| 158186. No. 6. | 158193. No. 13. |
| 158187. No. 7. | 158194. No. 14. |

158195. *ZEA MAYS* L. Poaceae. **Corn.**
No. 15.

158196. *AVENA SATIVA* L. Poaceae. **Oats.**

From Denmark. Seeds presented by the Nielsen Brothers, New York, N. Y. Received Mar. 20, 1947.

Minor.

158197 to 158199.

From Southern Rhodesia. Seeds presented by G. L. Guy, Forest Officer, Stapleford, Penhalonga. Received Jan. 31, 1947.

158197. *ERYTHRINA HUMEI* E. Meyer. Fabaceae.

Kaffirboom.

158198. *PSEUDOCADIA ZAMBESIACA* (Baker) Harms. Fabaceae.

158199. *SECURIDACA LONGIPEDUNCULATA* Fres. Polygalaceae.

Rhodesian Violet tree.

158200. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

From Canada. Seeds presented by the Central Experimental Farm, Ottawa, Ontario. Received Mar. 20, 1947.

Manhardy.

158201 to 158247. *AVENA* spp. Poaceae.

From the U. S. S. R. Seeds presented by the Deputy Director, Institute of Plant Industry, Leningrad. Received Mar. 21, 1947.

158201. *AVENA ABYSSINICA* Rich. **Oats.**

No. 4980/2. (C. I. No. 4751.) Harar, Ethiopia.

158202. *AVENA ABYSSINICA* Rich.

K-5104. (C. I. No. 4752.) Introduced as variety *hildebrandtii*, an apparently unpublished name.

158203. *AVENA BREVIS* Roth.

K-5226/5 (C. I. No. 4750.) Portugal. Introduced as variety *tephrea*, an apparently unpublished name.

158204. *AVENA BREVIS* Roth.

K-5231. (C. I. No. 4749.) Portugal. Introduced as variety *turgida*, an apparently unpublished name.

158201 to 158247—Continued

158205 to 158210. *AVENA BYZANTINA* Koch.

Introduced as variety *culta*, an apparently unpublished name.

158205. K-1876. (C. I. No. 4785.) Algeria.

158206. K-2166. (C. I. No. 4789.) Palestine.

158207. K-4769. (C. I. No. 4784.) Morocco.

158208. K-4783. (C. I. No. 4786.) Western Syria.

158209. K-5206. (C. I. No. 4791.) Spain.

158210. K-5417. (C. I. No. 4787.) Bursa, Turkey.

158211 and 158212. *AVENA BYZANTINA* Koch.

Introduced as variety *solida*, an apparently unpublished name.

158211. K-4085. (C. I. No. 4788.) Cyprus.

158212. K-4093. (C. I. No. 4790.) Palestine.

158213. *AVENA BYZANTINA* Koch.

K-1732. (C. I. No. 4783.) Tunisia.

158214 to 158220. *AVENA SATIVA* var. *ARISTATA* Schlecht.

Oats.

158214. K-1302. (C. I. No. 4778.) *A-315*. Moscow.

158215. K-4176. (C. I. No. 4757.) Dalijan District, Iran.

158216. K-4302. (C. I. No. 4755.) Djavakhetia, Georgia.

158217. K-4646. (C. I. No. 4772.) Ankara, Turkey.

158218. K-4678/1. (C. I. No. 4774.) Turkey.

158219. K-6999/3. (C. I. No. 4758.) Daghestan.

158220. K-7912. (C. I. No. 4779.) Myraj.

158221 to 158223. *AVENA SATIVA* L.

Oats.

Introduced as variety *aurea*, an apparently unpublished name.

158221. K-4073/44. (C. I. No. 4761.) Jibhalanta, Vandin District, Mongolia.

158222. K-7237. (C. I. No. 4781.) *053*. Verkhniatch.

158223. K-8573. (C. I. No. 4780.) *0496*. Kharkov.

158224 and 158225. *AVENA SATIVA* var. *BRUNNEA* Koern. & Wern.

158224. K-4079/5. (C. I. No. 4759.) Jibhalanta, Mongolia.

158225. K-4498. (C. I. No. 4754.) Tbelisi, Georgia.

158226. *AVENA SATIVA* var. *CINEREA* Koern.

K-4664/2. (C. I. No. 4771.) Konia, Turkey.

158227. *AVENA SATIVA* var. *VOLGENSIS* Nevski.

K-2130/1. (C. I. No. 4768.) Tataria.

158228 and 158229. *AVENA SATIVA* var. *CINEREA* Koern.

158228. K-4672. (C. I. No. 4773.) Kutakhia, Turkey.

158229. K-5166/1. (C. I. No. 4775.) Madrid, Spain.

158230. *AVENA SATIVA* var. *ELIGULATA* Vav.

K-1714. (C. I. No. 4776.) Lithuania.

158231. *AVENA SATIVA* var. *GRISEA* Koern. & Wern.

Oats.

K-6636. (C. I. No. 4765.) A late winter variety; Bosnia, Yugoslavia.

158232. *AVENA SATIVA* L.

Introduced as variety *kasanensis*, an apparently unpublished name.

K-2131. (C. I. No. 4769.) Tataria.

158201 to 158247—Continued

158233. *AVENA SATIVA* L.

Oats.

Introduced as variety *krausei*, an apparently unpublished name.

K-4829/1. (C. I. No. 4756.) Dalijan District, Iran.

158234 to 158241. *AVENA SATIVA* var. *MUTICA* Schlecht.

158234. K-2307. (C. I. No. 4777.) Shatilov.

158235. K-4038. (C. I. No. 4753.) Georgia.

158236. K-4079. (C. I. No. 4760.) Jibhalanta, Mongolia.

158237. K-6617. (C. I. No. 6617.) Servia, Yugoslavia.

158238. K-6628. (C. I. No. 4764.) A late winter variety. Dalmatia, Yugoslavia.

158239. K-4649. (C. I. No. 4770.) Ankara, Turkey.

158240. K-6650. (C. I. No. 4766.) Bosnia, Yugoslavia.

158241. K-6665. (C. I. No. 4767.) Banat, Yugoslavia.

158242. *AVENA SATIVA* var. *MUTICA* × var. *AUREA*.

K-6626. (C. I. No. 4763.) Yugoslavia.

158243. *AVENA SATIVA* L.

Oats.

Introduced as variety *nuda*, an apparently unpublished name.

K-4075/42. (C. I. No. 4782.)

158244 to 158247. *AVENA STRIGOSA* Schreb.

Oats.

Introduced as variety *typica*, an apparently unpublished name.

158244. K-2170. (C. I. No. 4745.)

158245. K-5199. (C. I. No. 4747.) Lugo, Spain.

158246. K-5201/1. (C. I. No. 4746.) Lugo, Spain.

158247. K-5288/1. (C. I. No. 4748.) Portugal.

158248. *JACARATIA DODECAPHYLLA* DC. Caricaceae.

From Paraguay. Seeds presented by the Botanical Gardens, Asunción. Received Mar. 14, 1947.

DEIP 5104. Trinidad.

158249 to 158362. *ZEA MAYS* L. Poaceae.

Corn.

From Mexico. Seeds presented by the Dirección General de Agricultura, San Jacinto, Distrito Federal. Received Mar. 24, 1947.

158249. Chapingo 46, Ero 2, 1347.

158261. Chiapas 54, 1190.

158250. Chapingo 46, Ero 2, 1588.

158262. Chiapas 56, 1192.

158251. Chapingo 46, Ero 2, 1589.

158263. Chiapas 60, 1196.

158252. Chapingo 46, Ero 2, 1590.

158264. Chiapas 61 × (WF9 × TR)

158253. Chiapas 4, 4318 × (WF9 × TR)

158265. Chiapas 64 × (WF9 × TR)

158254. Chiapas 25, P × (WF9 × TR)

158266. Chiapas 68, 1204.

158267. Chiapas 69, 1205.

158255. Chiapas 38, T × (WF9 × TR)

158268. Chiapas 77, 1213.

158269. Chiapas 90, 1226.

158256. Chiapas 48, 1184.

158270. Chiapas 99 × (WF9 × TR)

158257. Chiapas 49, 1185.

158271. Chiapas 125 × (WF9 × TR)

158258. Chiapas 50, 1186.

158272. Chiapas 137 × (WF9 × TR)

158259. Chiapas 51, 1187.

158273. Chiapas 141 × (WF9 × TR)

158260. Chiapas 53 × (WF9 × TR)

158274. Chiapas 53, 1189.

158249 to 158362--Continued

158275. Columbia 968-1 \times (WF9 \times TR)
 158276. Columbia 1048-11 \times (WF9 \times TR)
 158277. Columbia 1048-32 \times (WF9 \times TR)
 158278. Columbia 1048-39 \times (WF9 \times TR)
 158279. Columbia 1277-1 \times (WF9 \times TR)
 158280. Columbia 1284-1 \times (WF9 \times TR)
 158281. Guanajuato 16 O. P.
 158282. Guanajuato 20 O. P.
 158283. Guatemala 1 \times (WF9 \times TR)
 158284. Guatemala 22 \times (WF9 \times TR)
 158285. Jalisco 37 O. P.
 158286. Jalisco 48 O. P.
 158287. Jalisco 49, Chapingo 46, 1484.
 158288. Jalisco 58 O. P.
 158289. Jalisco 62, Chapingo 46, 1495.
 158290. Jalisco 72 O. P.
 158291. Jalisco 99 O. P.
 158292. Michoacán 21 O. P.
 158293. Michoacán 68 O. P.
 158294. Michoacán 75 O. P.
 158295. Morelos-1, Chapingo 1946 1331.
 158296. Morelos-15, Chapingo 46, 1345.
 158297. Verano 8, Chapingo 46, 1300.
 158298. Verano 21, Chapingo 46, 1310.
 158299. 1502-4 3 \times (WF9 \times TR)
 158300. IV 941-1 3 \times (WF9 \times TR)
 158301. IV 523-1 3 \times (WF9 \times TR)
 158302. IV 576-2 3 \times (WF9 \times TR)
 158303. (WF9 \times TR) \times 106.
 158304. (WF9 \times TR) \times 243.
 158305. (WF9 \times TR) \times 247.
 158306. (WF9 \times TR) \times 249.
 158307. (WF9 \times TR) \times 255.
 158308. (WF9 \times TR) \times 275.
 158309. (WF9 \times TR) \times 278.
 158310. (WF9 \times TR) \times 279.
 158311. (WF9 \times TR) \times 292.
 158312. (WF9 \times TR) \times 296.
 158313. (WF9 \times TR) \times 297.
 158314. (WF9 \times TR) \times 298.
 158315. (WF9 \times TR) \times 310.
 158316. (WF9 \times TR) \times 311.
 158317. (WF9 \times TR) \times 313.
 158318. (WF9 \times TR) \times 317.
 158319. (WF9 \times TR) \times 319.
 158320. (WF9 \times TR) \times 320.
 158321. (WF9 \times TR) \times 324.
 158322. (WF9 \times TR) \times 332.
 158323. (WF9 \times TR) \times 834.
 158324. (WF9 \times TR) \times 845.
 158325. (WF9 \times TR) \times 850.
 158326. (WF9 \times TR) \times 875.
 158327. (WF9 \times TR) \times 888.
 158328. (WF9 \times TR) \times 889.
 158329. (WF9 \times TR) \times 894.
 158330. (WF9 \times TR) \times 895.
 158331. (WF9 \times TR) \times 896.
 158332. (WF9 \times TR) \times 903.
 158333. (WF9 \times TR) \times 904.
 158334. (WF9 \times TR) \times 907.
 158335. (WF9 \times TR) \times 909.
 158336. (WF9 \times TR) \times 913.
 158337. (WF9 \times TR) \times 915.
 158338. (WF9 \times TR) \times 916.
 158339. (WF9 \times TR) \times 917.
 158340. (WF9 \times TR) \times 919.
 158341. (WF9 \times TR) \times 920.
 158342. (WF9 \times TR) \times 921.
 158343. (WF9 \times TR) \times 927.
 158344. (WF9 \times TR) \times 957.
 158345. (WF9 \times TR) \times 960.
 158346. (WF9 \times TR) \times 985.
 158347. (WF9 \times TR) \times 988.
 158348. (WF9 \times TR) \times 990.
 158349. (WF9 \times TR) \times 996.
 158350. (WF9 \times TR) \times 1004.
 158351. (WF9 \times TR) \times 1005.
 158352. (WF9 \times TR) \times 1008.
 158353. (WF9 \times TR) \times 1014.
 158354. (WF9 \times TR) \times 1019.

158249 to 158362—Continued

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|----------------------------|----------------------------|
| 158355. (WF9 × TR) × 1037. | 158359. (WF9 × TR) × 9011. |
| 158356. (WF9 × TR) × 1038. | 158360. (WF9 × TR) × M-5. |
| 158357. (WF9 × TR) × 1042. | 158361. (WF9 × TR) M-6. |
| 158358. (WF9 × TR) × 9010. | 158362. (WF9 × TR) M-37. |

158363. *SESBANIA EXASPERATA* H. B. K. Fabaceae.

From Peru. Seeds presented by C. F. Swingle, Estación Experimental Agrícola, Tingo María. Received Mar. 24, 1947.

158364. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

From the Union of South Africa. Seeds presented by John H. Seate, American Legation, Pretoria, Transvaal. Received Mar. 26, 1947.

Ice Cream.

158365. *KOKIA ROCKII* Lewton. Malvaceae. **Kokio.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Apr. 10, 1947.

Grown from seeds presented by Ross H. Gast, Los Angeles, Calif., who collected them at Hue Ranch, Kona, Hawaii, at 3,000 feet altitude.

158366 to 158369. *PRUNUS PERSICA* (L.) Batsch. Rosaceae. **Peach.**

From New Jersey. Trees purchased from the New Jersey Peach Council, Inc., Princeton. Received Mar. 25, 1947.

- | | |
|---------------------------------------|---|
| 158366. <i>Autumn</i> (N. J. 145.) | 158368. <i>Summer Rose</i> (N. J. 101). |
| 158367. <i>Goodcheer</i> (N. J. 152.) | 158369. <i>Wildrose</i> (N. J. 118). |

158370 to 158388.

From New Zealand. Seeds presented by the Plant Research Bureau of the Department of Scientific and Industrial Research, Palmerston North. Received Mar. 27, 1947.

158370 and 158371. *AGROSTIS TENUIS* Sibth. Poaceae.

158370. *Br. 739. Browntop.*

158371. *Bt. 743. Browntop.* (Dryland strain.)

158372. *BROMUS CATHARTICUS* Vahl. Poaceae.

Cb. 41.

158373. *CYNOSURUS CRISTATUS* L. Poaceae.

Crested dogtail.

158374 and 158375. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

158374. *C-23 strain.*

158375. *Akaroa strain. Bc 495.*

158376. *FESTUCA RUBRA* var. *COMMUTATA* Gaud. Poaceae. **Chewings fescue.**

B1-96.

158377. *LOLIUM MULTIFLORUM* × *PERENNE*. Poaceae.

Co-55.

158378. *LOLIUM PERENNE* L.

Perennial ryegrass.

Ba-6730.

158379. *LOLIUM MULTIFLORUM* Lam.

Italian ryegrass.

Bb-384.

158380. *LOTUS ULIGINOSUS* Schkuhr. Fabaceae.

158370 to 158388—Continued

158381. *PASPALUM DILATATUM* Poir. Poaceae. Dallis grass.
 158382. *PHLEUM PRATENSE* L. Poaceae. Timothy.
 158383. *TRIFOLIUM FRAGIFERUM* L. Fabaceae. Strawberry clover.
 158384 and 158385. *TRIFOLIUM PRATENSE* L. Red clover.
 158384. *Cowgrass*.
 158385. *Montgomery*.
 158386. *TRIFOLIUM REPENS* L. White clover.
 158387 and 158388. *TRIFOLIUM SUBTERRANEUM* L. Subterranean clover.
 158387. Midseason strain.
 158388. Late-season strain.

158389. BEILSCHMIEDIA sp. Lauraceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Apr. 14, 1947.

Originally from Dr. Henry Pittier, Caracas, Venezuela.

A Persea-like fruit that tastes like the avocado.

158390 to 158393. SACCHARUM. Poaceae. Sugarcane.

From Barbados. Cuttings presented by the Department of Agriculture, Bridgetown. Received Apr. 14, 1947.

158390. B-40105. 158392. B-41211.

158391. B-40116. 158393. B-41227.

158394 to 158399. HORDEUM VULGARE L. Poaceae. Barley.

From Sweden. Seeds presented by the Lunds Universitet, Svalov. Received Apr. 11, 1947.

158394. 46-408. 158397. 46-414-1 *Albina* 3.

158395. 46-410-4 *Albina* 1. 158398. 46-415-1 \times 2 *Zantha* 1.

158396. 46-413-4 *Albina* 2. 158399. 46-416-2 *Zantha* 2.

158400 to 158404.

From China. Seeds presented by the Botanic Garden, Sun Yat-Sen's Memorial Park Commission, Nanking. Received Apr. 4, 1947.

158400 to 158402. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

158400. Black.

158401. Brown.

158402. White.

158403 and 158404. *SORGHUM VULGARE* Pers. Poaceae.

From a local market.

158405. PRUNUS PERSICA (L.) Batsch. Rosaceae. Peach.

From Michigan. Scions presented by the South Haven Horticultural Experiment Station, Michigan State College of Agriculture, South Haven. Received Apr. 4, 1947.

Fairhaven.

158406 to 158425. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Australia. Seeds presented by the Department of Agriculture and Stock, Brisbane, Queensland, Victoria. Received Apr. 7, 1947.

158406. <i>Charter NSW.</i>	158416. <i>KLPF2 4333.</i>
158407. <i>Flora.</i>	158417. <i>K41CUR 4301.</i>
158408. <i>FlCol 4303.</i>	158418. <i>K41CUR 4605.</i>
158409. <i>FlCol 4408.</i>	158419. <i>K54P4 4625.</i>
158410. <i>Gabo NSW.</i>	158420. <i>Poora.</i>
158411. <i>KfD6 × Kl 4614.</i>	158421. <i>Puglu.</i>
158412. <i>KGFLCL 4610.</i>	158422. <i>Seafoam.</i>
158413. <i>KGPF 4521.</i>	158423. <i>SF × P × H × SF.</i>
158414. <i>KGPF 4613.</i>	158424. <i>Wheat × Rye 4603.</i>
158415. <i>KGTSPF 4616.</i>	158425. <i>K54 Pa 4608.</i>

158426 to 158429.

From Korea. Seeds presented by E. M. Meader, Agricultural Experiment Station, Durham, N. H. Received Apr. 8, 1947.

Obtained from the market, Seoul.

158426. <i>CASTANEA MOLLISSIMA</i> Blume. Fagaceae.	Hairy chestnut.
158427. <i>JUGLANS MANDSHURICA</i> Maxim. Juglandaceae.	Walnut
158428. <i>JUGLANS REGIA</i> L.	Persian walnut.
158429. <i>ZIZIPHUS JUJUBA</i> Mill. Rhamnaceae.	Jujube.

158430. MELILOTUS OFFICINALIS (L.) Lam. Fabaceae.

Yellow sweetclover.

From Canada. Seeds presented by the University of Manitoba, Division of Plant Sciences, Winnipeg. Received Apr. 8, 1947.

Aura.

158431 to 158441. VITIS VINIFERA L. Vitaceae. European grape.

From Italy. Cuttings presented by Prof. Alberto Pirovano, Director, Institute of Fruit Culture and Electrogenetics, Rome. Received Apr. 8, 1947.

158431. <i>Aurora 100.</i>	158437. <i>Maria Pirovano 165.</i>
158432. <i>Bogni 15.</i>	158438. <i>Mendel 532.</i>
158433. <i>Fulgens 347.</i>	158439. <i>Moscato dell'Adda.</i>
158434. <i>Imperator 264.</i>	158440. <i>Rubino 192-A.</i>
158435. <i>Italia 65.</i>	158441. <i>San Martino 215.</i>
158436. <i>Marengo 205.</i>	

158442 to 158585. GOSSYPIUM spp. Malvaceae.

Cotton.

From Central America and Mexico. Seeds presented by S. G. Stephens, North Carolina State College, Raleigh, N. C. Received Apr. 9, 1947.

158442 to 158449. GOSSYPIUM HIRSUTUM L. Upland cotton.

From El Salvador.

158442. No. 1. <i>Deltapine 14.</i>	Gin, Usulután.
158443. No. 2. <i>Deltapine.</i>	Gin, Jiquilisco.
158444 to 158449. <i>Marie Galante.</i>	
158444. No. 4. <i>La Libertad.</i>	From garden.
158445. No. 5. <i>La Libertad.</i>	From wayside clearing.
158446. No. 7. <i>Santa Ana.</i>	From garden.
158447. No. 9. <i>Santa Ana.</i>	From wayside.
158448. No. 10. <i>Santa Ana.</i>	From waste land.
158449. No. 12. <i>San Miguel.</i>	

158442 to 158585—Continued

158450 to 158522. From Guatemala.

158450 to 158462. *Gossypium*.

158450. No. 13. El Progreso.

158451. No. 14. Cromo, west of El Progreso.

158452. No. 15. Cromo, west of El Progreso.

158453. No. 16. Zacapa. Small shrub.

158454. No. 17. Zacapa. From yard.

158455. No. 18. Zacapa.

158456. No. 19. Zacapa. Large shrub, in yard.

158457. No. 22. Chile, east of Cuajol. From field.

158458. No. 23. Chile, east of Cuajol. From field.

158459. No. 24. Cuajol, from garden.

158460. No. 25. Cuajol, waste land.

158461. No. 26. Cuajol, waste ground.

158462. No. 28. Lake Amatitlán, 3,900 feet altitude.

158463 and 158464. *Gossypium barbadense* L. Sea-island cotton.

158463. No. 29. Lake Amatitlán.

158464. No. 31. Lake Amatitlán.

158465 and 158466. *Gossypium*.

158465. No. 32. Chiquimulilla, in garden.

158466. No. 33. Chiquimulilla, in waste ground.

158467. *Gossypium hirsutum* L. Upland cotton.No. 34. *Marie Galante*. Guazacapán, wild along road.158468. *Gossypium*.

No. 36. Escuintla.

158469 to 158477. *Gossypium hirsutum* L. Upland cotton.*Marie Galante*.

158469 to 158476. From San José.

158469. No. 37.

158473. No. 41.

158470. No. 38.

158474. No. 42.

158471. No. 39.

158475. No. 43.

158472. No. 40.

158476. No. 44.

158477. No. 45. *Marie Galante*. Brito, east of Escuintla.

Sea-island cotton.

158478. *Gossypium barbadense* L.

No. 46. Brito.

158479 to 158481. *Gossypium hirsutum* L. Upland cotton.*Marie Galante*.

158479. No. 47. Brito, in garden.

158480. No. 48. Brito, 3 km. from Escuintla.

158481. No. 49. Escuintla, in garden.

158442 to 158585—Continued

158450 to 158522—Continued

158482 to 158521. *Gossypium*.

158482. No. 50. Mazatenango, in garden.

158483 to 158485. San Sebastián.

158483. No. 51.

158484. No. 52.

158485. No. 53.

158486 to 158490. Retalhuleu.

158486. No. 54.

158489. No. 57.

158487. No. 55.

158490. No. 58.

158488. No. 56.

158491 to 158494. Champerico.

158491. No. 59.

158493. No. 61.

158492. No. 60.

158494. No. 62.

158495. No. 63. Chichicasteango.

158496 to 158502. Santa Elena.

158496. No. 64.

158500. No. 68.

158497. No. 66.

158501. No. 69.

158498. No. 66 A.

158502. No. 70.

158499. No. 67. A tree about
10 feet high with a trunk 6
to 9 inches in diameter.

158503. No. 71. Flores.

158504 to 158506. San Miguel.

158504. No. 72.

158505. No. 73.

158506. No. 74.

158507 to 158511. San Andrés.

158507. No. 75.

158510. No. 78.

158508. No. 76.

158511. No. 79.

158509. No. 77.

158512 to 158521. San José.

158512. No. 82.

158517. No. 87.

158513. No. 83.

158518. No. 88.

158514. No. 84.

158519. No. 89.

158515. No. 85.

158520. No. 90.

158516. No. 86.

158521. No. 91.

158522. *Gossypium barbadense* L.

Sea-island cotton.

No. 92. Antigua.

158523 to 158585. From Yucatán, Mexico.

158523 to 158547. *Gossypium*.

158523 to 158530. Mérida.

158523. No. 93.

158527. No. 97.

158524. No. 94.

158528. No. 98.

158525. No. 95.

158529. No. 99.

158526. No. 96.

158530. No. 100.

158442 to 158585—Continued

158523 to 158585—Continued

158523 to 158547—Continued

158531 to 158536. Progreso.

158531. No. 101.

158534. No. 104.

158532. No. 102. *Tziin Taman.*

158535. No. 105.

158533. No. 103.

158536. No. 106.

158537. Hunucma.

No. 107.

158538 to 158541. Cauceel.

158538. No. 108.

158540. No. 110.

158539. No. 109.

158541. No. 111.

158542 and 158543. Progreso.

158542. No. 112.

158543. No. 113.

158544 to 158546. From Progreso.

158544. No. 114.

158545. No. 115.

158546. No. 116.

158547. No. 117. Mérida.

158548 to 158550. *Gossypium punctatum* Schum. & Thonn.

158548. No. 118. Muna.

158549. No. 119. Muna.

158550. No. 120. Mérida.

158551 to 158573. *Gossypium*.

158551 and 158552. Chichén Itzá.

158551. No. 121. *Zac-xiou.* Resembles *Abutilon*.158552. No. 122. Resembles *Abutilon*.

158553 and 158554. Piste.

158553. No. 123.

158554. No. 124.

158555. No. 125. Libre Union.

158556 to 158561. Izamal.

158556. No. 126.

158559. No. 129.

158557. No. 127.

158560. No. 130.

158558. No. 128.

158561. No. 131.

158562 and 158563. Kantunil.

158562. No. 132.

158563. No. 133.

158564 to 158573. Chicxulub.

158564. No. 134.

158569. No. 134E.

158565. No. 134A.

158570. No. 134F.

158566. No. 134B.

158571. No. 134G.

158567. No. 134C.

158572. No. 134H.

158568. No. 134D.

158573. No. 134I.

158442 to 158585—Continued

158523 to 158585—Continued

158574 and 158575. *Gossypium punctatum* Schum. & Thonn.

158574. No. 134J. Progreso.

158575. No. 135. Campeche.

158576 to 158579. *Gossypium*.

From Tenosique.

158576. No. 137.

158578. No. 139.

158577. No. 138.

158579. No. 140.

158580. *Gossypium barbadense* L.

Sea-island cotton.

No. 141. Esperanza.

158581 to 158585. *Gossypium*.

158581 to 158584. Tres Naciones.

158581. No. 142.

158583. No. 144.

158582. No. 143.

158584. No. 145.

158585. Escarcega.

No. 146.

158586 to 158588. *Malus sylvestris* Mill. Rosaceae. Apple.

From Sweden. Scions presented by Emil Johannsson, Horticultural Research Station, Alnarp, Akarp. Received Apr. 10, 1947.

158586. T 16/36. *Belle de Boskoop* × *Fillippa*.158587. T 269/38. *Mère de Menage* × *Transparente de Croncels*.158588. TB 38/60. (From open pollination of *Canadian Reinette*.)

158589 to 158616.

From Japan. Seeds presented by Lt. Col. J. H. Boulware, Natural Resources Section, SCAP, Tokyo. Received Apr. 14, 1947.

158589. *Brassica juncea* (L.) Coss. Brassicaceae.

Chinese mustard.

Aka-Takana.158590 to 158593. *Brassica perviridis* Bailey.158590. *Bansei Kyo-Nibuna*.158592. *Bansei Osaka-Sirona*.158591. *Bansei-Nibuna*.158593. *Bansei Sensuji-Kyona*.158594. *Brassica* sp.*Chusei-Kyona*.158595. *Brassica perviridis* Bailey.*Chusei Osaka-Sirona*.158596 to 158599. *Brassica juncea* (L.) Coss.

Chinese mustard.

158596. *Hagarashina*.158598. *Karashina*.158597. *Katuona*.158599. *Kigarashina*.158600 to 158606. *Brassica perviridis* Bailey.158600. *Komatsuna*. (Through Teikoku Seed Co.)158603. *Mana*.158601. *Komatsuna*. (Through Yamato Seed Co.)158604. *Mana*.158602. *Kyona*.158605. *Maruha-Santo*.158606. *Mikawajimana*.158607. *Brassica juncea* (L.) Coss.

Chinese mustard.

Miike-Takana.

158589 to 158616—Continued**158608.** BRASSICA PERVIRIDIS Bailey.*Osaka-shirona.***158609.** BRASSICA CHINENSIS Just.*Shiro-kuki.***Pakchoi cabbage.****158610.** BRASSICA sp.*Shirokuki-Santo.***158611.** BRASSICA PERVIRIDIS Bailey.*Taina.***158612.** BRASSICA JUNCEA (L.) Coss.*Takana.***Chinese mustard.****158613 and 158614.** BRASSICA PERVIRIDIS Bailey.**158613.** *Tanbana.***158614.** *Uguisuna.***158615 and 158616.** BRASSICA JUNCEA (L.) Coss.**158615.** *Yakachiona.***158616.** *Yanagawa-Takana.***Chinese mustard.****158617.** ZEA MAYS L. Poaceae.**Corn.**

From Peru. Seeds presented by Prof. Teodoro Boxa Braducci, Ministerio de Agricultura, Lima. Received Apr. 14, 1947.

Cristal type. Obtained from selfed line *Estrella*.**158618 to 158621.** MALUS SYLVESTRIS Mill. Rosaceae.**Apple.**

From England. Trees purchased from the Walter C. Slocock Ltd., Goldsworth Nursery, Woking, Surrey. Received Apr. 15, 1947.

158618. *Crimson King.***158620.** *White Close.***158619.** *Kingston Black.***158621.** *Yarlington Mills.***158622.** SACCHARUM. Poaceae.**Sugarcane.**

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Río Piedras. Received Apr. 15, 1947.

MPR 336.

158623. DIOSPYROS sp. Diospyraceae.**Persimmon.**

From Korea. Plants obtained by E. M. Meader, Agricultural Experiment Station, Durham, N. H. Received Apr. 15, 1947.

Kyong Sun Ponsee. Presented by the Korean Fruit Federation, Toegu.**158624.** LINUM USITATISSIMUM L. Linaceae.**Flax.**

From Australia. Seeds presented by the Avondale Research Station, Department of Agriculture, Western Australia. Received Apr. 15, 1947.

*Wada.***158625 to 158639.**

From Korea. Seeds presented by E. M. Meader, Agricultural Experiment Station, Durham, N. H. Received Apr. 16, 1947.

158625. CHRYSANTHEMUM CORONARIUM L. Asteraceae.**Crowndaisy.****158626 to 158628.** DAUCUS CAROTA L. Apiaceae.**Carrot.****158626.** (No special notes.)**158627.** Red.**158628.** Long.

158625 to 158639—Continued

158629. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
 158630. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.
 158631. *ARCTIUM* sp. Asteraceae. Burdock.
Gobo.
 158632 and 158633. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight. Fabaceae. Adzuki bean.
 158632. Reddish brown.
 158633. Red.
 158634. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
 158635 to 158638. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
 158635. Yellowish. 158637. Green.
 158636. Brownish. 158638. Black.
 158639. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
 158640 and 158641. *PRUNUS PERSICA* (L.) Batsch. Rosaceae. Peach.

From Iowa. Scions presented by the Agricultural Experiment Station, Ames.
 Received Apr. 16, 1947.

158640. Ames No. 102.

158641. Ames No. 104.

158642 to 158646. *MALUS SYLVESTRIS* Mill. Rosaceae. Apple.

From Canada. Scions presented by the Provincial Horticultural Station, Brooks, Alberta. Received Apr. 16, 1947.

158642. *Brook's No. 7.*

158645. *Prince.*

158643. *Brook's No. 20.*

158646. *Robin.*

158644. *Brook's No. 30.*

158647 to 158649. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.

From Ireland. Tubers presented by Mr. Apostolides, New York, N. Y. Received Apr. 22, 1947.

158647. *Stewart Dawn.*

158648. *Ulster Cromlech.*

158649. *Ulster Ensign.*

158650 to 158726.

From Japan. Seeds presented by Lt. Col. J. H. Boulware, Natural Resources Section, SCAP, Tokyo. Received Apr. 16, 1947.

158650 and 158651. *ALLIUM* spp. Liliaceae.

158650. *ALLIUM CEPA* L.

Onion.

Shenshu-Ki.

158651. *ALLIUM PORRUM* L.

Leek.

Stone-Leek.

158652 to 158670. *BRASSICA* spp. Brassicaceae.

158652. *BRASSICA OLERACEA* var. *CAPITATA* L.

Cabbage.

Nozaki-Chusei.

158653 to 158656. *BRASSICA PEKINENSIS* (Lour.) Rupr.

Petsai.

158653. *Chirimen.*

158655. *Nagasaki.*

158654. *Half-sure-heading.*

158656. *Togo.*

158650 to 158726—Continued

158652 to 158670—Continued

158657 to 158670. *BRASSICA RAPA* L.

Turnip.

158657. *Hakata.*158664. *Shogoin.*158658. *Kanamachi.*158665. *Shogoin.*158659. *Kanamachi-Wase.*158666. *Tennoji.*158660. *Naga-Kabu.*158667. *Tennoji.*158661. *Osaka-Shirodamaru.*158668. *Yorii.*158662. *Sapporo-Murasaki.*158669. *Yorii.*158663. *Shimo-Kaburi.*158670. *Yorii.*158671 to 158682. *CUCURBITA* spp. Cucurbitaceae.158671 and 158672. *CUCURBITA MAXIMA* Duchesne.

Squash.

158671. *Kurokawa-Amaguri.*158672. *Tokyo-kuri.*158673 to 158681. *CUCURBITA MOSCHATA* Duchesne.

Cushaw.

158673. *Aizu.*158678. *Shirokawa.*158674. *Chirimen.*158679. *Shirokawa.*158675. *Miekado.*158680. *Shirokawa-sato.*158676. *Shima.*158681. *Tsurukubi.*158677. *Shikagaya.*158682. *CUCURBITA PEPO* L.

Pumpkin.

*Wase-Kurokawa.*158683 to 158696. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

158683. *Aodai.*158690. *Nisi.*158684. *Ao-Huchinari.*158691. *Ochiai-Fushinari.*158685. *Hakata-Yokusei.*158692. *Sanjaku.*158686. *Hushi-nari.*158693. *Sanmaime-Hushinari.*158687. *Jibai.*158694. *Shogoin.*158688. *Jibai (Shimoshirazu).*158695. *Umagome-Hanjiro.*158689. *Kyoto-Sanjaku.*158696. *Yagi-yama.*158697 to 158703. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

158697. *Gosun.*158701. *Sanzun.*158698. *Kokubu.*158702. *Tokinashi-Gosun.*158699. *Osaka-Kanamachi.*158703. *Senko-Onaga.*158700. *Sanzun.*158704 to 158706. *PISUM SATIVUM* L. Fabaceae.

Pea

158704. *Kinuzaya.*158705. *Osaka-U sui.*158706. *Shirobana-Tsurunashi.*158707 and 158708. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

158707. *Shogoin.*158708. *Tokinashi.*

158650 to 158726—Continued

158709 to 158723. <i>SOLANUM MELONGENA</i> L. Solanaceae.		Eggplant.
158709. <i>Chunaga</i> .	158717. <i>Kumato</i> .	
158710. <i>Chusei-Yama</i> .	158718. <i>Sadohara</i> .	
158711. <i>Daisen-Maru</i> .	158719. <i>Sadohara</i> .	
158712. <i>Hakata-Naga</i> .	158720. <i>Shin-Kuro</i> .	
158713. <i>Kitta</i> .	158721. <i>Turuhoso</i> .	
158714. <i>Kikunaga</i> .	158722. <i>Yama</i> .	
158715. <i>Kissin</i> .	158723. <i>Yamashina</i> .	
158716. <i>Kumamoto-Naga</i> .		

158724 to 158726. <i>VICIA FABA</i> L. Fabaceae.		Broadbean.
158724. <i>Iesun</i> .		
158725. <i>Osaka-Issum</i> .		
158726. <i>Wase</i> .		

158727 to 158743.

From France. Scions purchased from F. Dalaunay Nurseries, Angers. Received Apr. 22, 1947.

158727 to 158739. <i>MALUS SYLVESTRIS</i> Mill. Rosaceae.		Apple.
158727. <i>Amaret</i> .	158734. <i>Grise Dieppoise</i> .	
158728. <i>Argile Grise</i> .	158735. <i>Medaille d'Or</i> .	
158729. <i>Binet Blanc Dore</i> .	158736. <i>Reine des Hative</i> .	
158730. <i>Binet Rouge</i> .	158737. <i>Reine des Pommiers</i> .	
158731. <i>Bramtot</i> .	158738. <i>Rouge de Treves</i> .	
158732. <i>Doux Normana</i> .	158739. <i>St. Laurent</i> .	
158733. <i>Frequin Tardif</i> .		

158740 to 158743. <i>PYRUS COMMUNIS</i> L. Rosaceae.		Common pear.
158740. <i>Alexandrine Douillard</i> .	158742. <i>Jeanne d'Arc</i> .	
158741. <i>Charles Ernest</i> .	158743. <i>Remy Chatenay</i> .	

158744 to 158750.

From Peru. Presented by the Servicio Cooperativo Inter-Americano de Producción de Alimentos, Lima. Received Apr. 23, 1947.

158744 and 158745. <i>IPOMOEA BATATAS</i> (L.) Lam. Convolvulaceae.		Sweetpotato.
(Tubers)		
158744. White skin.		
158745. Red skin.		

158746. <i>PHASEOLUS VULGARIS</i> L. Fabaceae.		Common bean.
Climbing.		

158747 to 158750. <i>ZEA MAYS</i> L. Poaceae.		Corn.
158747. <i>Chulpi</i> . Cuzco sweet corn.	158749. No. 9.	
158748. No. 30.	158750. No. 15.	

158751. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Korea. Seeds presented by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received Apr. 22, 1947.

Kum Gan.

158752 to 158766.

From China. Seeds presented by the Ministry of Agriculture and Forestry, Peiping. Received Apr. 8, 1947.

158752. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.

158753 and 158754. *BRASSICA PEKINENSIS* (Lour.) Rupr. Brassicaceae. Pestsai.

158753. *Ho-Tao-Wen.*

158754. *Kai-Cheng.*

158755 and 158756. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

158755. *Pin-Kuo-ching.*

158756. *Hwa-chi-chiao.*

158757. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.

Chih-pi-kan-li.

158758. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.

158759. *HORDEUM* sp. Poaceae. Barley.

Spring barley.

158760. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

Chih-mu-tao-se.

158761 and 158762. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

158761. *Kuan.*

158762. *Sheng-hy-yuan.*

158763 and 158764. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.

158763. *Hwa-Nong No. 2.*

158764. *Yenching No. 811.*

158765. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

158766. *SORGHUM VULGARE* Pers. Poaceae.

Waxy sorghum (Peiping waxy kaoliang.)

158767. *TABEBUIA GUAYACAN* (Seem.) Hemsl. Bignoniaceae.

From the Canal Zone. Seeds presented by the Canal Zone Experiment Gardens, Summit. Received Apr. 14, 1947.

158768. *SCHIZOSTACHYUM FUNGHOMII* McClure. Poaceae. Bamboo.

From Honduras. Plant presented by Dr. V. C. Dunlap, Research Division, Tela Railroad Co., Lima. Numbered in April 1947.

Original plant received from F. A. McClure, Lingnan University, Canton, China. *Sha Lo Chuk.* A handsome, long-jointed, clump bamboo, growing to 30 feet in height and 3 inches in diameter.

158769 to 158777. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

From Venezuela. Seeds presented by the Ministerio de Agricultura, Maracay. Received Apr. 28, 1947.

158769. *Venezuela-51.*

158774. 44-473.

158770. *Venezuela-52.*

158775. 43-80.

158771. *Crillo.*

158776. 45-1139. (Indehiscent.)

158772. *Jaffa.*

158777. *Negro de Brasil.*

158773. 44-575.

158778. *CHRYSALIDOCARPUS LUTESCENS* (Bory) Wendl. Phoeniceae.

From Florida. Plant growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in April 1947.

158779. DIOSCOREA sp. Dioscoreaceae.

From Mexico. Tubers presented by Norberto Grohman, Huatusco, Veracruz.
Received Apr. 29, 1947.

Cabeza de Negro.

158780. DIOSPYROS sp. Diospyraceae.**Persimmon.**

From Korea. Trees and scions presented by E. M. Meader, USAMGIK, Seoul.
Received Apr. 29, 1947.

Kochung.

158781 to 158784. OLEA EUROPAEA L. Oleaceae.**Olive.**

From Palestine. Cuttings presented by the Jewish Fruit Growers Association.
Haifa. Received Apr. 30, 1947.

158781. *Merhavia.*

158783. *Sourre.* II (16/IV).

158782. *Sourre.* I (A).

158784. *Sourre.* III (17/N).

158785 to 158796. HORDEUM spp. Poaceae.**Barley.**

From Spain. Seeds presented by Antonio Bermejo Z., Valladolid. Received
May 2, 1947.

158785 and 158786. *HORDEUM DISTICHON L.*

158785. *Almenar.* 5355. 1960-D.

158786. *Argands.* 5349. 1346-D.

158787 to 158793. *HORDEUM VULGARE L.*

158787. *Badajoz.* 5004. 1375-H.

158791. *Bazzax.* 5117. 1908-T.

158788. *Ballobar.* 5007. 170-H.

158792. *Ciudad-Real.* 5150. 998-T.

158789. *Blanqueta-A.* 5008.
1429-H.

158793. *Finara.* 5182. 1380-T.

158790. *Blanqueta-B.* 5122.
1429-H.

158794 and 158795. *HORDEUM DISTICHON L.*

158794. *Muzo de Agreda.* 5408. 1964-D.

158795. *Tabletilla.* 5425. 849-D.

158796. *HORDEUM VULGARE L.*

Valencia. 5061. 1025-H.

158797. FRAGARIA. Rosaceae.**Strawberry.**

From Wales. Plants presented by Capt. Mackeson-Sendbach, Llangerniew,
Aberbebe. Received May 2, 1947.

Royal Sovereign.

158798 to 158801. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From China. Seeds presented by the National Agricultural Research Institute,
Peiping. Received Apr. 8, 1947.

158798. *Hwa-Nong 1.* (Winter wheat.)

158800. *Yenching 1885.* (Winter
wheat.)

158799. *Yenching 1817.* (Winter
wheat.)

158801. *Spring wheat 79.*

158802. DESMODIUM AXILLARE (Sw.) DC. Fabaceae.

From Peru. Seeds presented by J. R. Neale, Servicio Cooperativo Inter-Americano de Producción de Alimentos, Lima. Received April 14, 1947.

Niñate.

**158803. ARTHROSTYLIIDIUM LONGIFOLIUM (Fourn.) E. G. Camus. Po-
aceae. Bamboo.**

From Honduras. Plants presented by Dr. Wilson Popenoe, Escuela Agrícola Panamericana, Tegucigalpa. Received May 6, 1947.

Grown originally from seeds obtained by F. A. McClure from Rosario, Sinaloa, Mexico. *Otate*. A rather small, moderately running bamboo, without a distinct rhizome system, growing to about 25 feet in height and nearly 2 inches in diameter. The culms are solid except in the largest sizes, which later may have a small canal in the center. The plant is said to be one of the most delicately graceful bamboos now growing in Honduras.

158804 to 158832.

From South America. Seeds collected by J. L. Stephens, Bureau of Plant Industry, Soils, and Agricultural Engineering, Tifton, Ga. Received Apr. 4, 1947.

158804. ACACIA sp. Fabaceae.

Algorroba. Gran Chaco, Argentina.

158805. ALYSICARPUS VAGINALIS (L.) DC. Fabaceae.

Alyceclover.

French Guiana.

158806. ANNONA sp. Annonaceae.

Small pulpy fruit.

158807. ANNONA sp.

Large juicy fruit.

158808. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

Gran Chaco, Argentina.

158809. AXONOPUS SCOPARIUS (Fluegge) Hitchc. Poaceae.

Caacupé, Paraguay. Giant, upright species.

158810. CASSIA sp. Fabaceae.

Gran Chaco, Argentina.

158811. CICER ARIETINUM L. Fabaceae.

Chickpea.

Grande Bico. Curb market, Rio de Janeiro, Brazil.

158812. INDIGOFERA sp. Fabaceae.

Gran Chaco, Argentina.

158813. ORYZA SATIVA L. Poaceae.

Rice.

Pinasco, Paraguay.

158814 to 158830. PASPALUM spp. Poaceae.**158814. PASPALUM CONJUGATUM Berg.**

Trinidad, British West Indies.

158815. PASPALUM FIMBRIATUM H. B. K.

Trinidad, British West Indies.

158816 to 158823. PASPALUM NOTATUM Fluegge.

Bahia grass.

From Paraguay.

158816. San Lorenzo.

158820. Broad Leaf Bahia.
Porto Pinasco.

158817. Barrerito Ranch.

158821. Barrerito Ranch.

**158818. Caacupé Experiment
Station.**

158822. Barrerito Ranch.

158819. Large Bahia. Caacupé.

158823. Barrerito Ranch.

158824. PASPALUM Plicatum Michx.

Black grass.

Trinidad, British West Indies.

158804 to 158832—Continued

158814 to 158830—Continued

158825 to 158828. *PASPALUM* spp.158825. *PASPALUM* sp.

Paraguay.

158826. *PASPALUM* sp.

Trinidad, British West Indies.

158827. *PASPALUM* sp.

French Guiana.

158828. *PASPALUM* sp.

Airport, Dutch Guiana.

158829. *PASPALUM NICORAE* Parodi.

Caacupé, Paraguay.

158830. *PASPALUM HARTWEGIANUM* Fourn.

Near Porto Casado, Paraguay.

158831. *VIGNA* sp. Fabaceae.

Asunción, Paraguay.

158832. *ZEA MAYS* L. Poaceae.

Corn.

Brazil. Small ear with purple husk.

158833. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Austria. Tubers presented by F. A. Motz, Agricultural Attaché, United States Army Headquarters. Received May 5, 1947.

Kipfler.

158834 to 158836.

From the Union of South Africa. Seeds presented by F. B. Harrington, Deepdale, Natal. Received Apr. 30, 1947.

158834. *PHYSALIS IXOCARPA* Brot. Solanaceae.

Tomatillo.

158835. *PHYSALIS PERUVIANA* L.

Peruvian groundcherry.

158836. *RUBUS* sp. Rosaceae.158837. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From France. Seeds presented by the Station de Selection de Plantes de Grande Culture, Coulommiers. Received May 7, 1947.

Luzerne du Puits.

158838 to 158986.

From China. Seeds presented by the Lu-Shan Botanical Garden, Kuling, Kiu-kiang. Received May 9, 1947.

158838 to 158858. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From Kiangsi Province unless otherwise noted.

158838. Ging-Ling, Chekiang.

158849. Wun-Lian.

158839. Lo-Chi, Wuling.

158850. Lo-Chi, Wuling.

158840. Shu-Swi.

158851. Gi-An.

158841. Sangchi, Wuling.

158852. Semen, Wuling.

158842. Anfu.

158853. Kwangchang.

158843. Ho-Chi, Wun-Lian.

158854. Kai-Poo, Shangkai.

158844. Cheng-Yiung, Wun-Lian.

158855. Changkao, Kwangchang.

158845. Wun-Lian.

158856. Kai-Poo, Shangkao.

158846. Holung, Wuling.

158857. Baswicking, Kwangchang.

158847. Lee-Chi, Wuling.

158858. Baswicking, Kwangchang.

158848. Lian-Far.

158838 to 158986—Continued

158859 to 158894. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.
From Kiangsi Province unless otherwise noted.

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| 158859. Gingling, Chekiang. | 158877. Laotian, Wuling. |
| 158860. Gingling, Chekiang. | 158878. Semen, Wuling. |
| 158861. Ning-An, Chekiang. | 158879. Changkao, Kwangchang. |
| 158862. Lee-Chi, Wuling. | 158880. Laotian, Wuling. |
| 158863. Setoo, Wuling. | 158881. Yingshu. |
| 158864. Holung, Wuling. | 158882. Gi-An. |
| 158865. Ginkou, Wuling. | 158883. Sangchi, Wuling. |
| 158866. Lee-Chi, Wuling. | 158884. Setoo, Wuling. |
| 158867. Shu-Swi. | 158885. Shan-Kou, Shu-Swi. |
| 158868. Lo-Chi, Wuling. | 158886. Shan-Kou, Shu-Swi. |
| 158869. Anfu. | 158887. Ginkou, Wuling. |
| 158870. Semen, Wuling. | 158888. Kai-Poo, Shangkao. |
| 158871. Lo-Chi, Wuling. | 158889. Kwangchang. |
| 158872. Lian-Far. | 158890. Holung, Wuling. |
| 158873. Baswicking, Kwangchang. | 158891. Lian-Far. |
| 158874. Cheng-Yiung, Wun-Lian. | 158892. Changkao, Kwanchang. |
| 158875. Kwangchang. | 158893. Sangchi, Wuling. |
| 158876. Shu-Swi. | 158894. Ho-Chi, Wun-Lian. |

158895 to 158944. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

158895 to 158900. From Chekiang Province.

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| 158895. Ging-Ling. | 158898. Shangtang. |
| 158896. Ning-An. | 158899. Shangtang. |
| 158897. Ning-An. | 158900. Shangtang. |

158901 to 158944. From Kiangsi Province.

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| 158901. Anfu. | 158915. Holung, Wuling. |
| 158902. Anfu. | 158916. Holung, Wuling. |
| 158903. Baswicking, Kwangchang. | 158917. Kai-Pao, Shangkao. |
| 158904. Baswicking, Kwangchang. | 158918. Kao-Pao, Shangkao. |
| 158905. Cheng-Yiung, Wun-Lian. | 158919. Kwangchang. |
| 158906. Cheng-Yiung, Wun-Lian. | 158920. Kwangchang. |
| 158907. Changkao, Kwangchang. | 158921. Laotian, Wuling. |
| 158908. Changkao, Kwangchang. | 158922. Laotian, Wuling. |
| 158909. Gi-An. | 158923. Lian-Far. |
| 158910. Gi-An. | 158924. Lian-Far. |
| 158911. Ginkou, Wuling. | 158925. Lee-Chi, Wuling. |
| 158912. Ginkou, Wuling. | 158926. Lo-Chi, Wuling. |
| 158913. Ho-Chi, Wun-Lian. | 158927. Sangchi, Wuling. |
| 158914. Ho-Chi, Wun-Lian. | 158928. Sangchi, Wuling. |
| | 158929. Shang-Ho, Fengcheng. |
| | 158930. Shang-Ho, Fengcheng. |
| | 158931. Shang-Ho, Fengcheng. |
| | 158932. Shan-Kou, Shu-Swi. |

158838 to 158986—Continued

158795 to 158944—Continued

158901 to 158944—Continued

158933. Shan-Kou, Shu-Swi.	158939. Setoo, Wuling.
158934. Shan-Kou, Shu-Swi.	158940. Wun-Lian.
158935. Shan-Kou, Shu-Swi.	158941. Wun-Lian.
158936. Semen, Wuling.	158942. Yingshu.
158937. Semen, Wuling.	158943. Yingshu.
158938. Setoo, Wuling.	158944. Yingshu.

158945 to 158986. *SORGHUM VULGARE* Pers. Poaceae.

158945 to 158951. From Chekiang Province.

158945. Ging-Ling.	158949. Shangtang.
158946. Ning-An.	158950. Shangtang.
158947. Ning-An.	158951. Shangtang.
158948. Ning-An.	

158952 to 158986. From Kiangsi Province.

158952. Anfu.	158969. Lian-Far.
158953. Anfu.	158970. Lee-Chi, Wuling.
158954. Baswiching, Kwang-chang.	158971. Lee-Chi, Wuling.
158955. Changkao, Kwangchang.	158972. Sangchi, Wuling.
158956. Cheng-Yiung, Wun-Lian.	158973. Semen, Wuling.
158957. Cheng-Yiung, Wun-Lian.	158974. Setoo, Wuling.
158958. Gi-An.	158975. Setoo, Wuling.
158959. Gi-An.	158976. Shan-Kou, Shu-Swi.
158960. Gingkou, Wuling.	158977. Shan-Kou, Shu-Swi.
158961. Gingkou, Wuling.	158978. Shang-Ho, Fengcheng.
158962. Ho-Chi, Wun-Lian.	158979. Shang-Ho, Fengcheng.
158963. Ho-Chi, Wun-Lian.	158980. Shang-Ho, Fengcheng.
158964. Holung, Wuling.	158981. Shan-Kou, Shu-Swi.
158965. Kai-Poo, Shangkao.	158982. Ho-Chi, Wun-Lian.
158966. Kwangchang.	158983. Ho-Chi, Wun-Lian.
158967. Laotian, Wuling.	158984. Yingshu.
158968. Laotian, Wuling.	158985. Yingshu.
	158986. Lo-Chi, Wuling.

158987 to 158989. *AVENA SATIVA* L. Poaceae.

Oats.

From Australia. Seeds presented by the Glen Inners Experiment Farm, Department of Agriculture, Sydney, New South Wales. Received May 12, 1947.

158987. *Brigalow*. W. 3684.

158988. *Bunya*.

158989. *Kurrajong*. W. 2408.

158990. *CUCURBITA PEPO* L. Cucurbitaceae.

Pumpkin.

From the Union of South Africa. Seeds presented by F. B. Harrington, Deepdale, Natal. Received May 2, 1947.

158991. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Alaska. Tubers presented by Zola M. Fineman, Research Agronomist, Alaska Agricultural Experiment Station, Palmer. Received May 14, 1947.

Alaska. Mutation from Burbank.

158992 and 158993.

From Ecuador. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 5, 1947.

158992. PASSIFLORA MOLLISSIMA (H. B. K.) Bailey. Passifloraceae.

Softleaf passionflower.

Taxo. Quito.

158993. SOLANUM QUITOENSE Lam. Solanaceae.

Naranjilla.

Quito.

158994 to 158999. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae.

Okra.

From Brazil. Seeds presented by Fernando F. Da Costa Filho, Director da Divisão de Experimentação e Pesquisas, Campinas, São Paulo. Received May 12, 1947.

158994. White Velvet No. 463.

158997. Hasting's Dwarf No. 138.

158995. Green Velvet No. 460.

158998. Chiefre de Veado No. 647.

158996. Perkins Mammoth Long Podded No. 139.

158999. Clemson's Spineless No. 462.**159000 to 159025.**

From Peru. Seeds presented by the Estación Experimental Agrícola, Tingo María. Received May 15, 1947.

159000. SOLANUM HYPORHODIUM A. Br. & Bouché. Solanaceae.

Cocona.

No. 1086.

159001 to 159022. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

159001. No. 1113.

159012. No. 1208.

159002. No. 1117.

159013. No. 1209.

159003. No. 1143.

159014. No. 1210.

159004. No. 1149.

159015. No. 1214.

159005. No. 1150.

159016. No. 1215.

159006. No. 1154.

159017. No. 1216.

159007. No. 1155.

159018. No. 1231.

159008. No. 1176.

159019. No. 1233.

159009. No. 1195.

159020. No. 1237.

159010. No. 1205.

159021. No. 1245.

159011. No. 1207.

159022. No. 1254.

159023. SOLANUM HYPORHODIUM A. Br. & Bouché. Solanaceae.

Cocona.

No. 1614.

159024. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

No. 1433.

159025. SOLANUM HYPORHODIUM A. Br. & Bouché. Solanaceae.

Cocona.

No. 1603.

159026. CITRUS RETICULATA × PONCIRUS TRIFOLIATA. Rutaceae. Citremon.

From California. Seeds presented by the Citrus Experiment Station, Riverside.
Received May 19, 1947.

CPB No. 46477.

159027 to 159030.

From Trinidad. Presented by J. T. Baldwin Jr., College of William and Mary,
Williamsburg, Va. Received May 19, 1947.

From Port-of-Spain.

159027. ARISTOLOCHIA sp. Aristolochiaceae.

Seeds.

159028. (Undetermined.)

Bulbs.

159029. Cissus sp. Vitaceae.

Cuttings.

159030. SMILAX sp. Liliaceae.

Plants.

159031 to 159037.

From China. Seeds presented by the Lu-Shan Botanical Garden, Kuling,
Kiukiang. May 19, 1947.

159031. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

159032 and 159033. HELIANTHUS ANNUUS L. Asteraceae. Common sunflower.

Tungku, Kiangsi.

159034. RHODODENDRON MOLLE (Blume) Don. Ericaceae.

159035. SESAMUM INDICUM L. Pedaliaceae.

Sesame.

Tungku, Kiangsi.

159036 and 159037. SORGHUM VULGARE Pers. Poaceae.

Tungku, Kiangsi.

159038 to 159041. CITRUS SINENSIS (L.) Osbeck. Rutaceae. Orange.

From Brazil. Seeds presented by C. W. Bennett, Instituto Agronómico, Campinas, São Paulo. Received May 19, 1947.

159038. Barão. P-5.

159040. Natal. P-2.

159039. Coco. P-1.

159041. Para. P-3.

159042 to 159046.

From Florida. Plants growing at the United States Plant Introduction Garden,
Coconut Grove. Numbered May 20, 1947.

159042. LUCUMA SALICIFOLIA H. B. K. Sapotaceae.

Originally from the Subtropical Experiment Station, Homestead.

159043. ALEURITES MOLUCCANA (L.) Willd. Euphorbiaceae.

Originally from Charles T. Simpson, Little River, Miami. Sept. 5, 1928.

159044. EUGENIA JAMBOS L. Myrtaceae.

Originally from Buena Vista Garden, Miami. May 10, 1928.

159045. MANGIFERA INDICA L. Anacardiaceae.

Mango.

Mulgoba.

159046. MURRAYA KOENIGII (L.) Spreng. Rutaceae.

Originally from Washington, D. C. (C. P. B. 10384.)

159047 and 159048.

From Peru. Seeds presented by C. F. Swingle, Estación Experimental Agrícola, Tingo María. Received May 6, 1947.

159047. *CARICA PAPAYA* L. Caricaceae.

Papaya.

T. M. 1451.

159048. *ROLLINIA* sp. Annonaceae.

T. M. 1602.

159049. FAGOPYRUM ESCULENTUM Moench. Polygonaceae.

Buckwheat.

From Korea. Seeds presented by Dr. V. H. Florell, Central Experiment Station, USAMGIK, Suwon. Received May 13, 1947.

159050 and 159051.

From Costa Rica. Seeds presented by Claude Hope, Turrialba. Received May 13, 1947.

159050. *DYSODIA* sp. Asteraceae.

A small herbaceous perennial, 2 feet high with orange flowers on long stiff peduncles. Found along roadside on road to Volcán Poas.

159051. *FUCHSIA* sp. Onagraceae.

Cylindric shrub about 10 feet tall with crimson tubular flowers in long pendent racemes. Found near Santa Cruz de Turrialba.

159052 to 159054. GOSSYPIUM. Malvaceae.

Cotton.

From Mexico. Seeds presented by the Agricultural Experiment Station, College Station, Tex. Received May 27, 1947.

(No special notes.)

159055 to 159088. ZEA MAYS L. Poaceae.

Corn.

From the Union of South Africa. Seeds presented by the College of Agriculture and Experiment Station, Potchefstroom, Transvaal. Received May 26, 1947.

159055 to 159057. Colored seeds from open-pollinated material.

159058 to 159065. Selfed seeds from plants with red seeds.

159058. A-19.

159062. B. 560-3.

159059. B. 541-1.

159063. B. 561-1.

159060. B. 559-1.

159064. B. 561-2.

159061. B. 560-2.

159065. B. 561-4.

159066 to 159073. Colored aleurone and pericarp, samples from separate open-pollinated ears originally from Natal.

159074 to 159088. White maize lines.

159074. A-1.

159082. A-15.

159075. A-2.

159083. A-16.

159076. A-3.

159084. A-17.

159077. A-5.

159085. A-18.

159078. A-6.

159086. A-20.

159079. A-7.

159087. A-21.

159080. A-13.

159088. A-22.

159081. A-14.

159089 and 159090. RHODODENDRON spp. Ericaceae.

From China. Seeds presented by Dr. Feng-Kwai Chen, Lu-Shan Botanical Garden, Kuling, Kiukiang. Received May 20, 1947.

159089. RHODODENDRON sp.

159090. RHODODENDRON SPINULIFERUM Franch.

Torch rhododendron.

159091 and 159092. BRASSICA RAPA L. Brassicaceae.

Turnip.

From New Zealand. Seeds presented by the Department of Agriculture, Dunedin. Received May 21, 1947.

159091. Green Resistant (B).

159092. Purple Resistant (A).

159093 to 159107.

From the Union of South Africa. Seeds presented by the College of Agriculture and Experiment Station, Potchefstroom, Transvaal. Received May 28, 1947.

159093 to 159097. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

159093. 34S51.

159096. 41S77.

159094. 35S377.

159097. 42S6.

159095. 41S31.

159098 to 159107. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

159098. 466-4-m-m-m.

159103. No. 13.

159099. No. 1.

159104. No. 18.

159100. No. 7.

159105. No. 21.

159101. No. 8.

159106. No. 43.

159102. No. 11.

159107. No. 50.

159108. DIANTHUS CARYOPHYLLUS L. Caryophyllaceae. Carnation.

From Bolivia. Cuttings from La Paz, presented by Claude L. Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 28, 1947.

159109 to 159123.

From Peru. Seeds presented by the Estación Experimental Agrícola, Tingo María. Received May 19, 1947.

159109 to 159113. SOLANUM HYPORHODIUM A. Br. & Bouché. Solanaceae.

Cocona.

159109. TM. 1086. Km. 164, Ubi Beni.

159112. TM. 1603. Km. 164, Ubi Beni.

159110. TM. 1233. Aguaytía.

159113. TM. 1614. Km. 154, Ubi Beni.

159111. TM. 1254. Near Tingo María.

159114. SESBANIA EXASPERATA H. B. K. Fabaceae.

TM. 1301.

159115 to 159123. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

From Huaca Uchiza.

159115. Estrellando.

159120. Morado Ossuro.

159116. Rosa.

159121. Rojo.

159117. Plomo Pintado.

159122. Prado.

159118. Pintado.

159123. Blanco Sucio.

159119. Acanelado.

159124 to 159180.

From Mexico. Seeds collected by B. B. Bayles, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 29, 1947.

159124 to 159128. *HORDEUM VULGARE* L. Poaceae.

Barley.

159124. 127 km. from Mexico, Distrito Federal.

159125. Between Mexico, Distrito Federal and Huichapan.

159126. Km. 318, between Celaya and Querétaro.

159127. State of Veracruz.

159128. Road from Puebla to Tehuacán.

159129 to 159180. *AVENA SATIVA* L. Poaceae.

Oats.

159129. 41-12.

159155. 46-12.

159130. 42-3.

159156. 46-16.

159131. 43-1.

159157. 46-20.

159132. 43-4.

159158. 46-22.

159133. 43-5.

159159. 46-24.

159134. 43-13.

159160. 47-4.

159135. 43-14.

159161. 47-6.

159136. 43-22.

159162. 47-12.

159137. 43-24.

159163. 47-15.

159138. 44-5.

159164. 47-17.

159139. 44-6.

159165. 47-23.

159140. 44-12.

159166. 47-25.

159141. 44-19.

159167. 48-1.

159142. 45-1.

159168. 48-4.

159143. 45-2.

159169. 48-11.

159144. 45-8.

159170. 48-18.

159145. 45-11.

159171. 48-21.

159146. 45-12.

159172. 49-5.

159147. 45-13.

159173. 49-7.

159148. 45-14.

159174. 49-9.

159149. 45-19.

159175. 49-10.

159150. 45-24.

159176. 49-13.

159151. 46-3.

159177. 49-14.

159152. 46-5.

159178. 49-20.

159153. 46-7.

159179. 49-21.

159154. 46-10.

159180. 50-5.

159181 to 159206.

From Peru. Seeds presented by the Estación Experimental Agrícola, Tingo María. Received June 2, 1947.

159181 to 159201. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

159181. Lota de Huaracaya, km. 148.

159182. Puente Supte, km. 145.

159183. Francisco Mendieta, km. 117.

159184. Julio Vigo Aserradero, "Las Palmas."

159185. Hacienda La Vega, km. 166.

159181 to 159206—Continued**159181 to 159201—Continued**

159186. Hacienda Margarita, km. 182, near Divisoria.
 159187. Near Carpis.
 159188. Near Tingo María.
 159189. Near Tingo María.
 159190. Km. 186, near Divisoria, between Tingo María and Aguaytía.
 159191. Vicinity of Huánuco.
 159192 to 159199. Said to be resistant to leaf mold.
 159192. TM. 1113. *Improved Bay State*.
 159193. TM. 1117. Baton Rouge, La. (LSU).
 159194. TM. 1143. *Waltham*; mold-resistant forcing tomato.
 159195. TM. 1149. *Globelle*.
 159196. TM. 1150. *Improved Vetomold—121*.
 159197. TM. 1154. *Vetomold—121* (Ontario).
 159198. TM. 1176. *Vetomold—121* (Massachusetts).
 159199. TM. 1195. *Rutgers*. Woods No. 430.
 159200. TM. 1231-15.
 159201. TM. 1433.

159202 to 159206. SOLANUM HYPORHODIUM A. Br. & Bouché. Solanaceae. Cocona.

159202. TM. 1086. Holger Heller, Ubi Beni.
 159203. TM. 1233. Aguaytía road.
 159204. TM. 1254. Between Tingo María and Owl Cave.
 159205. TM. 1603. Holger Heller.
 159206. TM. 1614. Holger Heller.

159207 to 159214.

From the Union of South Africa. Seeds presented by the College of Agriculture and Experiment Station, Potchefstroom, Transvaal. Received June 2, 1947.

- 159207 to 159209. AVENA SATIVA L. Poaceae. Oats.
 159207. *Algerian*.
 159208. *Langgewens*.
 159209. *Winter Dunn*.
 159210 to 159212. VIGNA VEXILLATA (L.) Rich. Fabaceae.
 159210. From Matlabas.
 159211. From Potchefstroom.
 159212. Yellow flowered.
 159213 and 159214. VIGNA SINENSIS (Torner) Savi. Cowpea.
 159213. No. 34C361.
 159214. No. 3706.

159215. EUCALYPTUS NIPHOPHILA Maiden & Blakely. Myrtaceae.

From Australia. Seeds presented by L. D. Prior, Canberra. Received June 2, 1947.

159216. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Alaska. Tubers presented by Zola Fineman, Palmer. Received June 2, 1947.

Arctic seedling.

159217. PENNISETUM CILIARE (L.) Link. Poaceae.

From India. Seeds presented by W. F. Dickson, Agricultural Attaché, American Embassy, New Delhi. Received Apr. 8, 1947.

Anjan grass.

159218. PENNISETUM CILIARE (L.) Link. Poaceae.

From India. Seeds presented by the Cattle Breeding Farm, Hissar, Punjab. Received Apr. 30, 1947.

159219 to 159225. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From India. Seeds presented by Dr. Edgar F. Vestal, Allahabad Agricultural Institute, Allahabad. Received June 2, 1947.

159219. Local variety.

159223. *Imperial Pusa No. 111.*

159220. *Cawnpore 13.*

159224. *Imperial Pusa No. 125.*

159221. *Imperial Pusa No. 4.*

159225. *X-9.*

159222. *Imperial Pusa No. 52.*

159226 to 159282. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

From Georgia. Seeds presented by the Agricultural Experiment Station, Experiment. Received June 3, 1947.

159226. No. 4616a.

159255. No. 4789.

159227. No. 4646.

159256. No. 4791.

159228. No. 4647.

159257. No. 4792.

159229. No. 4648.

159258. No. 4793.

159230. No. 4656.

159259. No. 4796.

159231. No. 4656a.

159260. No. 4797.

159232. No. 4656b.

159261. No. 4798.

159233. No. 4657.

159262. No. 45107.

159234. No. 4658.

159263. No. 46101.

159235. No. 4660.

159264. No. 46102.

159236. No. 4661.

159265. No. 46103.

159237. No. 4663.

159266. No. 46104.

159238. No. 4664.

159267. No. 46106.

159239. No. 4666.

159268. No. 46107.

159240. No. 4671.

159269. No. 46109.

159241. No. 4673.

159270. No. 46110.

159242. No. 4674.

159271. No. 46111.

159243. No. 4675.

159272. No. 46112.

159244. No. 4676.

159273. No. 46114.

159245. No. 4677.

159274. No. 46116.

159246. No. 4678.

159275. No. 46118.

159247. No. 4679.

159276. No. 46119.

159248. No. 4682.

159277. No. 46124.

159249. No. 4692.

159278. No. 46126.

159250. No. 4694.

159279. No. 46132.

159251. No. 4695.

159280. No. 46138.

159252. No. 4697.

159281. No. 46143.

159253. No. 4781.

159282. No. 47103.

159254. No. 4781a.

159283 and 159284. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Brazil. Collected by J. T. Baldwin, Jr., College of William and Mary, Williamsburg, Va. Received June 12, 1947.

159283. No. 1. Recife, Pernambuco.

159284. No. 2. Recife, Pernambuco.

159285. ALEURITES MONTANA (Lour.) Wilson. Euphorbiaceae.**Mu-oil tree.**

From China. Seeds presented by the Forestry Department, Hong Kong. Received June 2, 1947.

From northern Kwangtung.

159286 and 159287. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.**Sweetpotato.**

From Peru. Roots presented by John R. Neale, Servicio Cooperativo Inter-Americano de Producción de Alimentos, Lima. Received June 4, 1947.

159286. Red variety.

159287. White variety.

159288 to 159293.

From England. Plants presented by the Royal Botanic Gardens, Kew, Surrey. Received June 4, 1947.

159288. ARUNDINARIA ANCEPS Mitf. Poaceae.

Bamboo.

159289. CHIMONOBAMBUSA FALCATA (Nees) Nakai. Poaceae.

Bamboo.

159290. ARUNDINARIA GRAMINEA (Mitf.) Makino. Poaceae.

Bamboo.

159291. SINARUNDINARIA MURIELAE (Gamble) Nakai. Poaceae.

Bamboo.

159292. SINARUNDINARIA NITIDA (Mitf.) Nakai.

Bamboo.

159293. ARUNDINARIA VAGANS Gamble. Poaceae.

Bamboo.**159294. ANANAS MAGDALENAE (Andre) Standl. Bromeliaceae.**

From Colombia. Plants presented by the Dirección de Agricultura, Bogotá. Received June 11, 1947.

159295. SOLANUM sp. Solanaceae.

From Brazil. Seeds collected by H. Sorensen, Division of Rubber Plant Investigation, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 13, 1947.

From Belém, Pará.

159296. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Germany. Tubers presented by Carl Ross, United States-British Bipartite Food and Agriculture Control Group, Berlin. Received June 13, 1947.

A recently developed German variety, claimed to be resistant against virus disease.

159297 and 159298. BRASSICA RAPA L. Brassicaceae.**Turnip.**

From New Zealand. Seeds presented by the Department of Agriculture, Dunedin. Received June 11, 1947.

159297. Green Top Yellow.

159298. Purple Top Yellow.

159299 to 159301. SETARIA ITALICA (L.) Beauv. Poaceae.**Foxtail millet.**

From Korea. Seeds presented by the Central Experiment Station, USAMGIK, Suwon. Received June 2, 1947.

159299. *Chinese Millet No. 1.*

159300. *Kyong-Nam Charae-Chang.*

159301. *Pyong Yang.*

159302 to 159309.

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos Aires. Received June 5, 1947.

159302. *CAESALPINIA MELANOCARPA* Griseb. Fabaceae.

Guayacan. From Gran Chaco.

159303. *CALYCOPHYLLUM MULTIFLORUM* Griseb. Rubiaceae.

From Misiones.

159304. *ENTEROLOBIUM CONTORTISILIQUUM* (Vell.) Morong. Fabaceae.

Timbo. From Gran Chaco.

159305. *GLEDITSIA AMORPHOIDES* (Griseb.) Taub. Fabaceae. **Honeylocust.**

Espina Corona. From Gran Chaco.

159306. *ILEX PARAGUARIENSIS* St. Hil. Aquifoliaceae. **Yerba maté.**

From Misiones.

159307. *MACHAERIUM* sp. Fabaceae.

Canela de Brejo. From Misiones.

159308. *PIPTADENIA CEBIL* Griseb. Fabaceae.

Cebil Moro. From Misiones. A handsome tree with white, funnel-shaped flowers in clusters from the axils of pinnate leaves.

159309. *PIPTADENIA MACROCARPA* Benth. Fabaceae.

Cebil Colorado. From Misiones. An unarmed tree with bipinnate leaves and globose heads of small white flowers.

159310. ANANAS MAGDALENAE (Andre) Standl. Bromeliaceae.

From Colombia. Plants presented by the Ministerio de la Economía Nacional, Bogotá. Received June 11, 1947.

159311 to 159317. AEGILOPS spp. Poaceae.

From Czechoslovakia. Seeds presented by the Jardin Botanique, Tabor. Received June 12, 1947.

159311. *AEGILOPS AUCHERI* Boiss.

159315. *AEGILOPS OVATA* L.

159312. *AEGILOPS CAUDATA* L.

159316. *AEGILOPS TRIUNCIALIS* L.

159313. *AEGILOPS OVATA* L.

159317. *AEGILOPS VENTRICOSA* Tausch.

159314. *AEGILOPS SPELTOIDES* Tausch.

159318. GYNERIUM sp. Poaceae.**Wild sugarcane.**

From Costa Rica. Plants presented by the United States Department of Agriculture Rubber Plant Field Station, Turrialba. Received June 23, 1947.

Cañabrava.

159319 to 159334.

From the Union of South Africa. Seeds presented by the College of Agriculture and Experiment Station, Potchefstroom, Transvaal. Received June 25, 1947.

159319 to 159323. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

159319. No. 34 S 51.

159322. No. 41 S 77.

159320. No. 35 S 227.

159323. No. 42 S 6.

159321. No. 41 S 31.

159319 to 159334—Continued

159324 to 159334. *ZEA MAYS* L. Poaceae.

Corn.

159324. A76.	159330. A310.
159325. A81.	159331. A404.
159326. A85.	159332. A415-1.
159327. A97.	159333. A431.
159328. A243-1.	159334. A436.
159329. A256.	

159335 to 159343. *ZEA MAYS* L. Poaceae.

Corn.

From Peru. Seeds presented by the Servicio Cooperativo Inter-Americano de Producción de Alimentos, Lima. Received June 25, 1947.

159335. <i>Amarillo</i> .	159340. <i>Gris</i> .
159336. <i>Anita</i> .	159341. <i>Patappahuayoc</i> .
159337. <i>Buche de Paloma</i> .	159342. <i>Piscco Runtu</i> .
159338. <i>Chullpi</i> .	159343. <i>Sacsa</i> .
159339. <i>Cuzco Maiz</i> .	

159344 to 159362. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.

From the Netherlands. Tubers presented by H. T. Wiersema, Friesche Maatschappij Van Landbouw, Kweekveld Engelum, Landbouwhuis. Received June 26, 1947.

159344. No. 1. <i>Alpha</i> .	159353. No. 4. <i>Liberatas</i> .
159345. No. 5. <i>Aquilla</i> .	159354. No. 2. <i>Matador</i> .
159346. No. 17. <i>Duivelandier</i> .	159355. No. 13. <i>Populair</i> .
159347. No. 15. <i>Fruhnudel</i> .	159356. No. 11. <i>Record</i> .
159348. No. 8. <i>Furore</i> .	159357. No. 3. <i>Roode Star</i> .
159349. No. 8a. Red \times white (sport of <i>Furore</i> .)	159358. No. 6. <i>Saskia</i> .
159350. No. 7. <i>Gloria</i> .	159359. No. 10. <i>Thiju</i> . 3635.
159351. No. 16. <i>Ijsselster</i> .	159360. No. 18. <i>Triumpf</i> .
159352. No. 14. <i>Koopman's Blauwe</i> .	159361. No. 9. <i>Voran</i> .
	159362. No. 12. <i>Wilpo</i> .

159363 to 159366 *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae.

Ramie.

From the Philippine Islands. Roots presented by the Bureau of Plant Industry, Manila. Received June 26, 1947.

159363. <i>Guiran, Taipan</i> No. 1.	159365. <i>Seikeinshu</i> .
159364. <i>Paipan</i> No. 2.	159366. <i>Seikeiseisin</i> .

159367 and 159368. *ORYZA SATIVA* L. Poaceae.

Rice.

From India. Seeds presented by the Rice Research Institute, Cuttack, Orissa. Received June 26, 1947.

159367. <i>Basmati T-3</i> .
159368. <i>Basmati T-370</i> .

159369. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae.

Buckwheat.

From Korea. Seeds presented by Dr. V. H. Florell, USAMGIK, Central Experiment Station, Suwon. Received June 23, 1947.

159370 to 159373. RUBUS spp. Rosaceae.

From the U. S. S. R. Seeds presented by the Institute of Plant Industry, Leningrad. Received June 23, 1947.

159370. Vologda District.

159372. Karelo-Finsk.

159371. Leningrad District.

159373. Kirov District.

159374 to 159376.

From China. Seeds presented by the National Forestry Research Bureau, Ministry of Agriculture and Forestry, Nanking. Received June 20, 1947.

159374. LARIX DAHURICA Turcz. Pinaceae.

Dahurian larch.

159375. PINUS ARMANDI Franch. Pinaceae.

Armand pine.

159376. PINUS YUNNANENSIS Franch.

Yunnan pine.

159377 to 159385.

From Korea. Seeds presented by E. M. Meader, USAMGIK, Central Experiment Station, Seoul. June 18, 1947.

159377. BRASSICA HIRTA Moench. Brassicaceae.

White mustard.

Cholla Nomdo. Yellow-seeded form.

159378. BRASSICA PEKINENSIS (Lour.) Rupr.

Petsai.

Seoul variety.

159379. BRASSICA PEKINENSIS (Lour.) Rupr.

Poto-lyon.

159380. BRASSICA sp.

Shakushina; South Cholla Province.

159381. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

Used for pickling.

159382 to 159385. RAPHANUS SATIVUS L. Brassicaceae.

Radish.

159382. *Miyahsigi.*

159384. *Riso.*

159383. *Nerima.*

159385. *Shogoin.*

159386 to 159391. GOSSYPIUM spp. Malvaceae.

Cotton.

From French West Africa. Seeds presented by the Service Phytotechnique, Bouaké. Received June 30, 1947.

159386 and 159387. GOSSYPIUM.

From N'Kourala.

159386. No. 1.

159387. No. 2.

159388 and 159389. GOSSYPIUM ARBOREUM f. INDICUM (Lam.) Hutch. & Ghose.

159388. From Budi.

159389. Commercial khaki colored.

159390. GOSSYPIUM ARBOREUM var. TYPICUM f. SOUDANENSIS (Watt) Hutch. & Ghose.

From Nouna.

159391. GOSSYPIUM BARBADENSE L.

Sea-island cotton.

From Ishan.

159392. GOSSYPIUM STOCKSII Masters. Malvaceae.

Cotton.

From India. Seeds presented by J. J. MacDonald, American Consul General, Bombay. Received July 15, 1947.

Collected in the Sind Desert.

159393 to 159396 EUCALYPTUS spp. Myrtaceae.

From Australia. Seeds presented by the Park and Gardens Section, Department of the Interior, Canberra. Received July 1, 1947.

159393. *EUCALYPTUS DIVES* Schauer.

159394. *EUCALYPTUS MACRORHYNCHA* F. Muell.

Victoria stringybark.

159395. *EUCALYPTUS ROSSII* Baker & Smith.

159396. *EUCALYPTUS RUBIDA* Deane & Maiden.

159397. SYAGRUS SANCONA (H. B. K.) Karst. Phoenicaceae. Palm.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered July 16, 1947.

Originally from Col. R. H. Montgomery, Coconut Grove.

159398. GOSSYPIUM. Malvaceae.

Cotton.

From Peru. Seeds collected by O. A. Pope, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 22, 1947.

159399. CITRUS sp. Rutaceae.

From Brazil. Seeds presented by C. W. Bennett, Instituto Agronómico, Campinas, São Paulo. Received July 22, 1947.

Brazilian Rough Lemon. From Limeira.

159400 and 159401. GOSSYPIUM. Malvaceae.

Cotton.

From India. Seeds presented by J. J. MacDonald, American Consul General, Bombay. Received July 1, 1947.

159400. *Creola.*

159401. *Rim de Boi.*

159402. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.

Sweetpotato.

From New Zealand. Roots presented by M. Mouat, Pomologist, Department of Scientific and Industrial Research, Auckland. Received July 1, 1947.

Taputini.

159403 to 159405.

From Costa Rica. Seeds presented by Claude Hope, Turrialba. Received July 7, 1947.

159403. *CLEOME* sp. Capparidaceae.

Isla Bonita, 4,500 feet, in spray of waterfall.

159404. *SALVIA* sp. Menthaceae.

Isla Bonita.

159405. *VACCINIUM* sp. Vacciniaceae.

Cerrol la Muerta, 10,500 feet.

159406 to 159414. SACCHARUM. Poaceae.

Sugarcane.

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane, Queensland, Victoria. Received July 9, 1947.

159406. *Atlas.*

159411. *Q-47.*

159407. *Cato.*

159412. *Q-48.*

159408. *Pompey.*

159413. *Q-49.*

159409. *Trojan.*

159414. *Q-50.*

159410. *Q-28.*

159415 to 159417. GOSSYPIUM. Malvaceae.**Cotton.**

From El Salvador. Seeds presented by O. A. Pope, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 15, 1947.

Originally from Guatemala.

159415. Brown bush.

159416. White bush.

159417. *Pachon*.

159418 and 159419. PRUNUS PERSICA (L.) Batsch. Rosaceae.**Peach.**

From Maryland. Cuttings obtained through A. L. Havis, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 15, 1947.

Varieties released by the Agricultural Experiment Station, Urbana, Ill.

159418. *Prairie Dawn*.

159419. *Prairie Rose*.

159420 to 159423. LINUM USITATISSIMUM L. Linaceae.**Flax.**

From the Netherlands. Seeds presented by the Director, Agricultural Department, Wageningen. Received July 16, 1947.

159420. *Concurrent*.

159422. *Hollandia*.

159421. *Formosa*.

159423. *Perello*.

159424 to 159430.

From India. Bulbs presented by the Vishnco Sadashive & Co., Poona. Received July 22, 1947.

159424. *KAEMPFERIA ROTUNDA* L. Zingiberaceae.

Bhuichampa.

159425. *GLORIOSA SUPERBA* L. Liliaceae.

159426. *KAEMPFERIA* sp. Zingiberaceae.

Kachora.

159427. *ZINGIBER OFFICINALE* Roscoe. Zingiberaceae.

Sontaka Yellow.

159428. *MUSA SUPERBA* Roxb. Musaceae.

Banana.

159429. *NERIUM OLEANDER* L. Apocynaceae.

Oleander.

Single Red.

159430. *CAESALPINIA PULCHERRIMA* (L.) Swartz. Fabaceae.

Flowerfence.

Sankasur Yellow.

159431 to 159440.

From Florida. Scions presented by F. E. Gardner, United States Subtropical Fruit Station, Orlando. Received July 22, 1947.

159431 to 159435. *CITRUS* spp. Rutaceae.

159431. *CITRUS AURANTIUM* L.

Sour orange.

Abers.

159432. *CITRUS BERGAMIA* Risso.

Bergamot.

159433. *CITRUS ICHANGENSIS* Swingle.

159434. *CITRUS PARADISI* Macfac.

Grapefruit.

Early seedless variety.

159435. *CITRUS SINENSIS* (L.) Osbeck.

Orange.

Jones Navel.

159431 to 159440—Continued

- 159436.** *FORTUNELLA* sp. Rutaceae. Kumquat.
Marumi.
- 159437 to 159440.** *CITRUS* spp. Rutaceae.
- 159437.** *CITRUS SINENSIS* (L.) Osbeck. Orange.
Murcot.
- 159438.** *CITRUS* sp.
Sunki.
- 159439.** *CITRUS RETICULATA* × *PARADISI.*
Watt Tangelo.
- 159440.** *CITRUS RETICULATA* × *PARADISI.*
Webber Tangelo.

159441 to 159444.

From China. Seeds presented by Mrs. H. E. Gange, Shanghai. Received July 15, 1947.

- 159441.** *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.
 From Shantung.
- 159442.** *BRASSICA CHINENSIS* Jusl. Pakchoi cabbage.
Da Roatsa Black.
- 159443.** *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.
- 159444.** *HESPERIS* sp. Brassicaceae.
 From the Temple of Heaven.

159445 and 159446. FICUS spp. Moraceae.

From California. Seeds presented by Ira J. Condit, Citrus Experiment Station, Riverside. Received July 31, 1947.

- 159445.** *FICUS COTINIFOLIA* H. B. K.
- 159446.** *FICUS RADULINA* S. Wats.

159447 to 159454. ORYZA SATIVA L. Poaceae.**Rice.**

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received July 31, 1947.

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| 159447. <i>Bico Preto.</i> | 159451. <i>Dourado do Seco.</i> |
| 159448. <i>Catetão.</i> | 159452. <i>Iguape Cateto.</i> |
| 159449. <i>Cateto.</i> | 159453. <i>Jaguari.</i> |
| 159450. <i>Dourado Agulha.</i> | 159454. <i>Perola.</i> |

159455. (Undetermined.)

From the Union of South Africa. Seeds presented by C. R. Enlow, Transvaal. Received July 31, 1947.

A leguminous vine; very prolific and palatable.

159456 to 159458. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.**Sweetpotato.**

From Peru. Cuttings presented by Edwin Anderson, Hacienda, Paramonga. Received Aug. 6, 1947.

- 159456.** No. 431. Unnamed selection.
- 159457.** No. 434. *Romero Perejil.*
- 159458.** No. 492. *Huarmayano.*

159459 to 159508. ZEA MAYS L. Poaceae.**Corn.**

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received Aug. 6, 1947.

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| 159459. <i>Milho Doce Paulista P. C.</i> | 159483. <i>L. 53.</i> |
| 159460. <i>Milho Doce Piracicaba P-9.</i> | 159484. <i>L. 54.</i> |
| 159461. <i>Milho Doce Piracicaba Branco-P-18.</i> | 159485. <i>L. 140.</i> |
| 159462. <i>Milho Doce Piracicaba Branco-P-678.</i> | 159486. <i>L. 292-2-1-1.</i> |
| 159463. <i>Milho Doce Viciosa P. C. Var. 1151.</i> | 159487. <i>L. 327-3.</i> |
| 159464. No. 87/46/47. Sib-cross. | 159488. <i>L. 517-1-1.</i> |
| 159465. No. 89/46/47. Sib-cross. | 159489. <i>L. 638-2.</i> |
| 159466. No. 92/46/47. Sib-cross. | 159490. <i>L. 1876-3-1-2.</i> |
| 159467. No. 101/46/47. Sib-cross. | 159491. <i>L. 2073-1-1-2.</i> |
| 159468. No. 104/46/47. Sib-cross. | 159492. <i>L. (2148-1-2-3) P. C.</i> |
| 159469. No. 417. <i>Assis Brasil P. C.</i> | 159493. <i>L. 1289-2-3.</i> |
| 159470. No. 167. <i>Armour P. C.</i> | 159494. <i>L. 2292-2-2.</i> |
| 159471. No. 1. <i>Cateto P. C.</i> | 159495. <i>L. 2315-2.</i> |
| 159472. No. 373. <i>Itaici P. C.</i> | 159496. <i>L. 2341-2.</i> |
| 159473. <i>L. 2-2-1.</i> | 159497. <i>L. 2346-2.</i> |
| 159474. <i>L. 3.</i> | 159498. <i>L. 2348-2.</i> |
| 159475. <i>L. 7-1.</i> | 159499. <i>L. 2370-2.</i> |
| 159476. <i>L. 18</i> | 159500. <i>L. 2492-1.</i> |
| 159477. <i>L. 30-1.</i> | 159501. <i>L. 2493.</i> |
| 159478. <i>L. 34-1.</i> | 159502. <i>L. 2520-1.</i> |
| 159479. <i>L. 34-2.</i> | 159503. <i>L. 2524.</i> |
| 159480. <i>L. 36-2.</i> | 159504. <i>L. 2539-2.</i> |
| 159481. <i>L. 36-3.</i> | 159505. <i>L. 2549-1.</i> |
| 159482. <i>L. 42.</i> | 159506. <i>L. 2564-1.</i> |
| | 159507. <i>L. 2572-1.</i> |
| | 159508. <i>L. 2585-1.</i> |

159509. PRUNUS ARMENIACA L. Rosaceae.**Apricot.**

From China. Seeds presented by K. C. Li, Institute of Agricultural Improvement, Pei-feng, Shensi. Received Aug. 6, 1947.

From Shensi Province.

159510. CANARIUM OVATUM Engl. Burseraceae.

From California. Seeds presented by Arthur F. Fisher, Natural History Museum, Balboa Park, San Diego. Received July 30, 1947.

Originally from the Philippine Islands.

159511 to 159514.

From Colombia. Seeds presented by Roberto Carvajal, Ibagué. Received July 31, 1947.

159511. *DESMODIUM* sp. Fabaceae.
Amor-seco.
159512. *DESMODIUM* sp.
Pega-Pega.
159513. *GALACTIA* sp. Fabaceae.
Oreja de Raton; Cola de Raton.
159514. *PHASEOLUS LATHYROIDES* L. Fabaceae.
Frijolillo.

159515. ZEA MAYS L. Poaceae.**Corn.**

From Hawaii. Seeds presented by the Hawaiian Sugar Planters Association, Honolulu. Received Aug. 8, 1947.

Hawaiian Sugar. No. 4045.

159516. CARICA PAPAYA L. Caricaceae.**Papaya**

From Ecuador. Seeds presented by Hugo W. Alberts, Agricultural Attaché, American Consulate, Guayaquil. Received July 31, 1947.

Collected by F. R. Fosberg.

159517. JACARATIA DODECAPHYLLA DC. Caricaceae.

From Paraguay. Seeds presented by the Botanical Garden, Asunción. Received July 31, 1947.

159518. CALYCOPHYSUM BREVIPES Pittier. Cucurbitaceae.**Wild gourd.**

From Peru. Seeds presented by C. F. Swingle, Estación Experimental Agrícola, Tingo María. Received Aug. 4, 1947.

A stout vine with ovoid, orange yellow fruits, about 5 inches long; they are inedible, but rather ornamental.

159519. FRAGARIA VESCA L. Rosaceae.**Alpine strawberry.**

From Yugoslavia. Seeds presented by M. Fazlagic, Gorazde, Bosnia. Received Aug. 11, 1947.

159520. GOSSYPIUM. Malvaceae.**Cotton.**

From French Equatorial Africa. Seeds presented by the Institute de Recherches du Coton et Des Textiles Exotiques, Chad. Received Aug. 11, 1947.

N'Kourala.

159521 and 159522. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From the U. S. S. R. Seeds presented by J. J. Bulik, Agricultural Attaché, Moscow. Received Aug. 12, 1947.

Winter wheat from a farm about 70 km. from Moscow.

159521. *Couch Grass Hybrid 599.*

159522. *Mos-4.*

159523. UNGNADIA SPECIOSA Endl. Sapindaceae.

From New Mexico. Collected by W. A. Archer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 12, 1947.

New Mexican Buckeye. Five miles south of Mesilla Park.

159524 and 159525.

From French West Africa. Bulbs presented by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Aug. 13, 1947.

Collected at Conakry, French Guinea.

159524. (Undetermined.)

159525. (Undetermined.)

159526 to 159530. SORGHUM spp. Poaceae.

From Liberia. Seeds presented by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received July 31, 1947.

Collected in Dzipila, Cavalla River, Eastern Province.

159526. SORGHUM sp.

159529. SORGHUM sp.

159527. SORGHUM sp.

159530. SORGHUM sp.

159528. SORGHUM sp.

159531 to 159539. AVENA SATIVA L. Poaceae.**Oats.**

From Wales. Seeds presented by the Welsh Plant Breeding Station, Penglais, Aberystwyth. Received Aug. 13, 1947.

159531. S 84. *White Spring.***159536.** S 81. *White Winter.***159532.** S 175. *White Spring.***159537.** S 147. *White Winter.***159533.** S 221. *White Spring.***159538.** S 172. *White Winter.***159534.** S 225. *White Spring.***159539.** *White.* (Mildew resistant.)**159535.** S 220. *Black Spring.***159540. GOSSYPIMUM. Malvaceae.****Cotton.**

From French West Africa. Seeds presented by Raymond Paumier, Niono. Received Aug. 14, 1947.

D. 3. Diré, French Sudan.**159541 to 159581. JUGLANS REGIA L. Juglandaceae.****Persian walnut.**

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Aug. 18, 1947.

159541. Selection D-35-18 from P. I. No. 110025.**159542.** Selection D-35-35 from P. I. No. 110036.**159543.** Selection D-35-3 from P. I. No. 125193.**159544.** Selection D-36-7 from P. I. No. 125193.**159545.** Selection D-36-11 from P. I. No. 125194.**159546.** Selection D-36-12 from P. I. No. 125194.**159547.** Selection D-36-14 from P. I. No. 125194.**159548.** Selection D-36-15 from P. I. No. 125194.**159549.** Selection D-36-18 from P. I. No. 125195.**159550.** Selection D-36-19 from P. I. No. 125195.**159551.** Selection D-36-20 from P. I. No. 125195.**159552.** Selection D-36-22 from P. I. No. 125195.**159553.** Selection D-36-23 from P. I. No. 125195.**159554.** Selection D-36-32 from P. I. No. 125197.**159555.** Selection D-37-1 from P. I. No. 125197.**159556.** Selection D-42-39 from P. I. No. 125199.**159557.** Selection D-37-10 from P. I. No. 127348.**159558.** Selection D-37-11 from P. I. No. 127458.**159559.** Selection D-42-3 from P. I. No. 127459.**159560.** Selection D-42-6 from P. I. No. 127459.**159561.** Selection D-42-8 from P. I. No. 127459.**159562.** Selection D-37-13 from P. I. No. 127459.**159563.** Selection D-37-14 from P. I. No. 127459.**159564.** Selection D-37-16 from P. I. No. 127459.**159565.** Selection D-37-22 from P. I. No. 127459.**159566.** Selection D-42-12 from P. I. No. 127460.**159567.** Selection D-42-14 from P. I. No. 127460.**159568.** Selection D-42-15 from P. I. No. 127460.**159569.** Selection D-42-16 from P. I. No. 127460.**159570.** Selection D-42-18 from P. I. No. 127460.

159541 to 159581—Continued

159571. Selection D-42-20 from P. I. No. 127460.
159572. Selection D-42-21 from P. I. No. 127460.
159573. Selection D-37-33 from P. I. No. 127461.
159574. Selection D-41-38 from P. I. No. 131353.
159575. Selection D-42-26 from P. I. No. 131353.
159576. Selection D-42-27 from P. I. No. 131353.
159577. Selection D-42-28 from P. I. No. 131353.
159578. Selection D-42-33 from P. I. No. 131353.
159579. Selection D-42-36 from P. I. No. 131353.
159580. Selection D-42-38 from P. I. No. 131353.
159581. Selection D-42-42 from P. I. No. 134697.

159582. PHYSALIS ALKEKENG L. Solanaceae.

From Mexico. Seeds presented by the Dirección General de Agricultura, San Jacinto, Distrito Federal. Received Aug. 11, 1947.

159583. FLEMINGIA sp. Fabaceae.

From the Belgian Congo. Seeds collected by C. E. Kellogg, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 19, 1947.

Introduced as *Flemingia congensis*, an apparently unpublished name. A tropical shrub 4 to 5 feet high with simple leaves and small reddish flowers in few-flowered clusters.

159584 to 159586.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in August 1947.

159584. CORDIA sp. Boraginaceae.

Originally received as seeds from Mexico.

159585. CASUARINA CUNNINGHAMIANA Miquel. Casuarinaceae.

From Hubert Buckley, St. Petersburg, Fla.

159586. (Undetermined.)

Originally collected in Brazil by J. T. Baldwin, Jr.

159587 and 159588.

From Brazil. Seeds collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Dec. 8, 1943.

159587. (Undetermined.)

Small tree. Mato Grosso.

159588. RANDIA sp. Rubiaceae.**159589 to 159592.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in August 1947.

159589. LONCHOCARPUS LUCIDUS Pittier. Fabaceae.

Originally received from L. W. Smith, Sarasota, Fla.

159590. VINCETOXICUM PETIOLARE (Gray) Standl. Asclepiadaceae.

Originally collected by L. N. Goodding, 140 miles south of Nogales, Sonora, Mexico.

159591. ASCLEPIAS SUBULATA Decaisne. Asclepiadaceae.

Originally collected as seeds in Sentinel, Ariz. by L. N. Goodding.

159589 to 159592—Continued**159592.** (Undetermined.)

Originally collected as seeds in Brazil by Lt. W. Williamson, Coconut Grove, Fla.

159593. (Undetermined.)

From the Pacific Ocean area. Seeds presented by Lt. Comdr. S. G. Bedell, Advance Naval Base, Fleet Post Office, San Francisco, Calif. Received Aug. 10, 1947.

159594 to 159622.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in August 1947.

159594. SPONDIAS sp. Anacardiaceae.*Cocotes*. F. 3110. Seeds collected by David Fairchild at Escuintla, Guatemala, Sept. 29, 1944. Fruits red, plumlike, $1\frac{3}{4}$ inches long, with thin skin and scanty juicy flesh of rich flavor, enclosing a large smooth seed.**159595.** MAMMEA AMERICANA L. Hypericaceae.**Mamey.**

Seeds collected by A. Margraff at Douglas Road and Dixie Highway, Coconut Grove.

159596. WALLICHIA sp. Phoenicaceae.

Plants presented by D. J. McSweeney, Fort Lauderdale, Fla.

159597. ROLLINIA sp. Annonaceae.*Aratacj*; *Chirimoya del Monte*. Seeds presented by T. R. Gwynne, Horqueta, Paraguay, March 1945. Fruits very large.**159598.** ROLLINIA sp.*Corozón del Indio*. Seeds presented by T. R. Gwynne, Horqueta, Paraguay, March 1945. Fruits very large, of better quality than *Aratacj*.**159599.** QUERCUS SUBER L. Fagaceae.**Cork oak.**

Plants presented by G. D. Ruehle, Subtropical Experiment Station, Homestead, Fla.

159600. ROLLINIA sp. Annonaceae.

Seeds collected by R. J. Seibert in Madre de Dios region, Peru.

159601 to 159603.

Seeds presented by the Forest Research Institute, Dehra Dun, India.

159601. TERMINALIA SERICEA Burchell. Combretaceae.**159602.** TERMINALIA PANICULATA Roth.**159603.** TERMINALIA TRIPTEROIDES Craib.

A large shrub or small tree with elliptic acuminate leaves 2 to 4 inches long and three-winged fruits about 1 inch long. Native to Siam.

159604. BROSIMUM ALICASTRUM Swartz. Moraceae.

Seeds obtained from Mérida, Yucatán, Mexico, through David Fairchild, Coconut Grove.

159605. (Undetermined.)*Palma Gualte*. Foster 2116. Seeds collected at Altaquer, Nariño, Colombia, November 1946. The smooth gray stilted trunks are 40 to 50 feet high and the undersides of the leaves are rich brown. The dark-brown fruits enclose globose seeds that are the size of marbles.**159606.** (Undetermined.)

Seeds collected by Mulford Foster at Las Mesas, Putumayo, Colombia, November 1946. A small palm up to 10 feet high, with red fruiting stems and reddish-black fruits.

159594 to 159622—Continued

159607. PYRENOGLYPHIS sp. Phoenicaceae.

Palm.

Chobtdaduron. Foster 2118. Seeds collected at Altaquer, Nariño, Colombia, Nov. 10, 1946. A small cluster palm up to 25 feet high, with a spiny trunk and persimmon-like fruits.

159608. (Undetermined.)

Gualte. Foster 2244. Seeds collected at Las Mesas, Putumayo, Colombia, Nov. 22, 1946. A stilt palm with a gray trunk, bluish-green pinnate leaves, and greenish-brown fruits.

159609. (Undetermined.)

Prize Palm. Foster 2247. Seeds collected at Las Mesas, Putumayo, Colombia, Nov. 22, 1946. A small palm up to 12 feet high, with pinnate leaves and brilliant yellow fruits.

159610. (Undetermined.)

Corunta. Foster 2248. Seeds collected on road to Mocoa, near Pepino, Putumayo, Colombia, Nov. 23, 1946. A palm up to 20 feet high with Zamia-like seed cones a foot long.

159611. EUTERPE sp. Phoenicaceae.

Palm.

Foster 1795. Seeds collected at Petrólea, Colombia. A palm 70 feet high, with drooping branches and pinnate leaves.

159612. SOLANUM QUITOENSE Lam. Solanaceae.

Naranjilla.

Foster 2346. Seeds collected in Colombia.

159613. MONSTERA DELICIOSA Liebm. Araceae.

Ceriman.

From Jungle Grove, Fla.

159614. WETTINELLA sp. Phoenicaceae.

Palm.

Seeds collected by Mulford Foster in Colombia.

159615. PANDANUS sp. Pandanaceae.

Presented by J. Dubuy, Onongo, New Guinea.

159616. BOERLAGIODENDRON sp. Araliaceae.

Seeds presented by Hugo Curran, Del Monte, Bukidnon, Mindanao, Philippine Islands.

159617. ROLLINIA DELICIOSA Safford. Annonaceae.

Biriba. Seeds obtained from market, Bélem, Pará, Brazil.

159618. AGATHIS AUSTRALIS (Lamb.) Steud. Pinaceae.

Kauri pine.

From New Zealand. Seeds presented by Nova F. Blaton, Church Valley, Wakefield.

159619. TIBOUCHINA PULCHRA Cogn. Melastomaceae.

From Florida. Seeds presented by E. A. Menninger, Stuart.

159620. PASSIFLORA sp. Passifloraceae.

From Java. Seeds presented by the Department of Economic Affairs, Bogor.

159621. DOCYNIA INDICA (Wall.) Decaisne. Rosaceae.

From Florida. Seeds presented by E. A. Menninger, Stuart.

159622. MIMOSA CAESALPINIFOLIA Benth. Fabaceae.

From Florida. Seeds presented by E. A. Menninger, Stuart.

159623. CUPRESSUS sp. Pinaceae.

From Switzerland. Seeds collected on the grounds of the United Nations buildings, Geneva. Received Aug. 25, 1947.

159624 to 159629. PAPAVER SOMNIFERUM L. Papaveraceae.**Opium poppy.**

From Australia. Seeds presented by the Australian Embassy, Washington, D. C.
Received Aug. 25, 1947.

From Canberra.

159624. No. 1683.

159627. No. 978.

159625. No. 1916.

159628. No. 1764.

159626. No. 1151.

159629. No. 1108.

159630 to 159632.

From Peru. Seeds collected by F. R. Fosberg, United States War Production Board, Lima. Received Aug. 12, 1947.

From Huancabamba.

159630. CEPHALOCEREUS sp. Cactaceae.

159631. CEREUS BLOSSFELDIORUM (Werd.) Backeb. Cactaceae.

159632. CEREUS sp.

159633 to 159639. SOLANUM spp. Solanaceae.

From Colombia. Seeds presented by K. Wernimont, American Embassy, Bogotá. Received Aug. 18, 1947.

159633. SOLANUM JUZEPCZUKII Bukasov.

CPC No. 3.

159634 to 159638. SOLANUM TUBEROSUM L.

159634. *Soliman*. CPC No. 1.

159637. No. 41.

159635. CPC No. 2.

159638. *Tocana Colorada*.

159636. No. 2.

From Los Mamones, Torca.

159639. SOLANUM sp.

No. 40.

159640 and 159641. HIBISCUS spp. Malvaceae.

From the Union of South Africa. Seeds presented by the Springbok Flats, Waterberg, Transvaal. Received Aug. 20, 1947.

159640. HIBISCUS CANNABINUS L.

Kenaf.

159641. HIBISCUS DIVERSIFOLIUS Jacq.

159642 to 159646.

From Peru. Tubers presented by C. F. Swingle, Estación Experimental Agrícola, Tingo María. Received Aug. 26, 1947.

159642 and 159643. ARRACACIA XANTHORRIZA Bancroft. Apiaceae.

Arracacha.

159642. T. M. 2124. Market, Cuzco.

159643. T. M. 2125. Market, Cuzco.

159644 to 159646. OXALIS TUBEROSA Molina. Oxalidaceae.

Oca.

159644. T. M. 2118. Tubers pink and yellow with pink eyes.

159645. T. M. 2116. Tubers pink and yellow.

159646. T. M. 2122. Tubers pink and red.

159647 to 159654.

From Korea. Seeds presented by E. M. Meader, USAMGIK, Central Experiment Station, Seoul. Received Aug. 20, 1947.

Collected near Suwon, unless otherwise noted.

159647. *DUCHESNEA INDICA* (Andrews) Focke. Rosaceae. **Mock-strawberry.**
Snakeberry; Dahlg.

159648 to 159654. *RUBUS* spp. Rosaceae.

159648. *RUBUS* sp.

Namu Dahlg. No. 1. (tree type.)

159649. *RUBUS* sp.

No. 3. (trailing type.)

159650. *RUBUS CRATAEGIFOLIUS* Bunge.

Hawthorn raspberry.

159651 to 159653. *RUBUS PARVIFOLIUS* L.

Raspberry.

159651. No. 3. Purchased in Taegu, North Kyongsang Province.

159652. No. 4.

159753. No. 5.

159654. *RUBUS* sp.

Trailing type.

159655 and 159656. *LACTUCA* spp. Asteraceae.

From Scotland. Seeds presented by the Royal Botanic Garden, Edinburgh. Received Aug. 20, 1947.

159655. *LACTUCA MACRORRHIZA* (Roxb.) Hook. f.

159656. *LACTUCA PLUMIERI* (L.) Gren. & Godr.

159657 and 159658. *LACTUCA* spp. Asteraceae.

From England. Seeds presented by the Royal Botanic Gardens, Kew. Received Aug. 20, 1947.

159657. *LACTUCA TENERRIMA* POUIT.

159658. *LACTUCA VIROSA* L.

159659 and 159660. *SOLANUM MURICATUM* Ait. Solanaceae.

Pepino.

From Peru. Plants presented by Jorge Paes, Estación Experimental Agrícola de La Molina, Lima. Received Aug. 27, 1947.

159659. *Amarillo.*

159660. *Morado.*

159661. *Gossypium*. Malvaceae.

Cotton.

From the Philippine Islands. Seeds obtained from an unknown donor, through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 27, 1947.

159662. *MALUS SYLVESTRIS* Mill. Rosaceae.

Apple.

From Idaho. Scions presented by the Department of Horticulture, University of Idaho, Moscow. Received Aug. 27, 1947.

Idagold.

159663 and 159664. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From India. Seeds presented by Mina Jongewaard, Women's Industrial School, American Arcot Mission, Palmaner. Received Aug. 27, 1947.

Spreading varieties.

159663. *A. H.* 25.

159664. *A. H.* 698.

159665 to 159674. BRASSICA JUNCEA (L.) Coss. Brassicaceae.**Chinese mustard.**

From China. Seeds presented by the Ministry of Agriculture and Forestry, Shaolingwei, Nanking. Received Aug. 8, 1947.

159665. From Hangchow, Chekiang. 159670. *Hunan No. 1.*

159666. From Ting-fan, Kweichow. 159671. From Hwangping, Kweichow.

159667. From Tsui-tsing, Yünnan. 159672. From Markiang, Kweichow.

159668. From Hsien-eng, Hupeh. 159673. From Lotien, Kweichow.

159669. From Ch'iao-chia, Yünnan. 159674. From Chingtan, Kiangsu.

159675. DIOSCOREA ALATA L. Dioscoreaceae.**Winged yam.**

From Florida. Roots presented by Monroe W. Treiman, Brooksville. Received Aug. 28, 1947.

159676 to 159681. ULLUCUS TUBEROSUS Caldas. Basellaceae.**Ullucu.**

From Peru. Tubers collected by C. F. Swingle, Estación Experimental Agrícola, Tingo María. Received June 2, 1947.

From the market, Cuzco.

159676. T. M. 2115.

159679. T. M. 2120.

159677. T. M. 2117.

159680. T. M. 2121.

159678. T. M. 2119.

159681. T. M. 2123.

159682 to 159684. SACCHARUM. Poaceae.**Sugarcane.**

From the British West Indies. Cuttings presented by the Central Sugarcane Breeding Station, Barbados. Received Aug. 29, 1947.

159682. B-4214.

159683. B-35245.

159684. B-37175.

159685. PRUNUS ARMENIACA L. Rosaceae.**Apricot.**

From Maine. Budwood presented by Herbert L. Palmer, Pittsfield. Received Aug. 29, 1947.

159686 to 159688.

From Austria. Seeds presented by Dr. J. W. Amschler, College of Agriculture, Vienna. Received Aug. 7, 1947.

159686. *POA PRATENSIS* L. Poaceae.

Kentucky bluegrass.

From the prealpine zone of Austria.

159687. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

159688. *ZEA MAYS* L. Poaceae.

Corn.

Said to have 4 to 7 ears on one plant.

159689 to 159692.

From China. Seeds presented by Rundall M. Lewis, United Nations Relief and Rehabilitation Administration, Peiping. Received Aug. 27, 1947.

From Kalgan.

159689. *MALUS* sp. Rosaceae.

No. 3. Red fruit.

159690 to 159692. *PYRUS* sp. Rosaceae.

159690. No. 1.

159691. No. 2.

159692. No. 4.

159693 to 159738. *ORYZA SATIVA* L. Poaceae.**Rice.**

From the Philippine Islands. Seeds presented by the Director of Bureau of Plant Industry, Manila. Received Aug. 29, 1947.

159693 to 159704. Grown in the Philippine Islands.

159693. *Pirurutong I.* Upland, partially bearded.

159694. *Pirurutong II.* Upland, bearded.

159695. *Pirurutong III.* Upland, beardless.

159696. *Apostol Seed Palay.* Lowland.

159697. *Bolero Seed Palay.* Upland.

159698. *Dinagat Seed Palay.* Upland.

159699. *Guinangnag Seed Palay.* Palagad.

159700. *Inintiw Seed Palay.* Upland.

159701. *Kinanda Seed Palay.* Upland.

159702. *Kinanpupoy Seed Palay.* Upland.

159703. *Sinaguing Seed Palay.* Upland.

159704. *Sinadyaya Seed Palay.* Semiupland.

159705 to 159712. Grown in Siam.

159705. No. 1.

159709. *T.* 27.

159706. No. 2.

159710. *P* × *B.* 2.

159707. *T.* 4.

159711. *P* × *B.* 10.

159708. *T.* 16.

159712. No. 5782. X-rayed strain of *G. E. B.* 24.

159713 to 159718. Grown in India.

159713. *Co.* 4. Pop rice. (180 days.)

159716. *Adt.* 8. Hybrid. (150 days.)

159714. *Co.* 10. Pop rice. (120 days.)

159717. No. 3840. Hybrid, progeny of cross *Co.* 4 × *Adt.* 10.

159715. *Co.* 21. Pop rice. (90-100 days.)

159718. No. 3912. Hybrid, progeny of cross *Co.* 4 × *Adt.* 10.

159719 to 159738. Grown in China.

159719. *Chekiang 9.*

159729. *N. A. R. B.* 4.

159720. *Chengtu Shui-pe-Tiao.*

159730. *N. A. R. B. Gu-Li-Tsoa.*

159721. *Cho Chow Tao.*

159731. *N. A. R. B. Keichow 38.*

159722. *Er-Ten-I-Shih-Hsing.*

159732. *N. C. U. III-16-345.*

159723. *Fei-Lai-Feng.*

159733. *Ningsia Siao-Tao.*

159724. *Gungan-Leng-Shui-pe.*

159734. *Sha-Tiao-Tsao.*

159725. *Kunming Tiao-Ku.*

159735. *Sheng-Li-Sien.*

159726. *Lu-Wan-Sien 21-3.*

159736. *Taiwan 38.*

159727. *Mao-Tzu-Tao.*

159737. *Tsao-Huo 4.*

159728. *Nan-Teh-Hao.*

159738. *Tung-Huan-Pe 18.*

159739 to 159745. GOSSYPIUM. Malvaceae. Cotton.

From the Belgian Congo. Seeds presented by Dr. F. H. Jurion, INEAC, Yangambi. Received Sept. 8, 1947.

159739. *Stoneville-04*. CP. 2037. 159743. *Triumph 270 D 64*. CB. 2033.
 159740. *Stoneville A*. CP. 2039. 159744. *Triumph 145 C 55*. CB. 2034.
 159741. *Stoneville 2*. CP. 2038.
 159742. *Stoneville 5B*. CP. 2040. 159745. *Ishan*. CB. 2035.

159746. SACCHARUM. Poaceae. Sugarcane.

From the Philippine Islands. Seeds presented by the Sugar Cane Experiment Station, La Granja, La Carlota. Received Sept. 10, 1947.

Alunan.

159747 and 159748.

From Peru. Tubers presented by the American Embassy, Lima. Received Sept. 10, 1947.

From the market, Cuzco.

159747. *OXALIS TUBEROSA* Molina. Oxalidaceae. Oca.
 159748. *ULLUCUS TUBEROSUS* Caldas. Basellaceae. Ullucu.

159749 to 159751. LACTUCA spp. Asteraceae.

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received Aug. 25, 1947.

159749. *LACTUCA SALIGNA* L.
 159750. *LACTUCA SERRIOLA* L.
 159751. *LACTUCA VIROSA* L.

159752 to 159754.

From Peru. Tubers presented by C. A. Boonstra, Agricultural Attaché, American Embassy, Lima. Received Sept. 10, 1947.

159752. *ARRACACIA XANTHORRHIZA* Bancroft. Apiaceae. Arracacha.
 159753. *OXALIS TUBEROSA* Molina. Oxalidaceae. Oca.
 159754. *ULLUCUS TUBEROSUS* Caldas. Basellaceae. Ullucu.

159755 to 159761. LACTUCA spp. Asteraceae.

From Ireland. Seeds presented by the Botanic Gardens, Glasnevin, Dublin. Received Aug. 25, 1947.

159755. *LACTUCA ALPINA* (L.) Benth. & Hook.
 159756. *LACTUCA MACROPHYLLA* (Willd.) Gray.
 159757. *LACTUCA PLUMIERI* (L.) Gren. & Godr.
 159758. *LACTUCA TATARICA* (L.) C. A. Mey.
 159759. *LACTUCA TENERRIMA* Pourr.
 159760. *LACTUCA* sp.

Introduced as *Lactuca thianschanica*, an apparently unpublished name.

159761. *LACTUCA VIROSA* L.

159762 to 159764.

From Korea. Seeds presented by E. M. Meader, USAMGIK, Central Experiment Station, Suwon. Received Aug. 25, 1947.

159762. (Undetermined.)

A plant with woolly stems, free from prickles, and large, attractive, thistlelike flowers.

159762 to 159764—Continued

159763. *PICRAMNA QUASSIOIDES* (Don) Bennett. Simaroubaceae. **Bittertree.**

A tree 15 to 25 feet tall with pinnate leaves and bright-red fruit the size of peas. The leaves are brilliant in the fall.

159764. *GLYCINE MAX* (L.) Merrill. Fabaceae. **Soybean.**

Early variety, from the market at Seoul.

159765 and 159766. LACTUCA spp. Asteraceae.

From Denmark. Seeds presented by the Botanic Garden, University of Copenhagen. Received Aug. 26, 1947.

159765. *LACTUCA LIVIDA* Boiss. & Reut.

159766. *LACTUCA SERRIOLA* L.

159767 to 159774.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Sept. 9, 1947.

159767 and 159768. *MALUS SYLVESTRIS* Mill. Rosaceae. **Apple.**

159767. *Golden Delicious.*

159768. *Starking.*

159769 to 159774. *JUGLANS* spp. Juglandaceae. **Walnut.**

159769. *JUGLANS CALIFORNICA* S. Wats.

159770. *JUGLANS HINDSII* Jepson.

159771. *JUGLANS MANDSHURICA* Maxim.

159772. *JUGLANS REGIA* L. **Persian walnut.**

Originally from Franquette, Calif.

159773. *JUGLANS REGIA* L.

Originally from Franquette, Calif.

159774. *JUGLANS REGIA* L.

Originally from Glodding, Calif.

159775. *PHYLLOSTACHYS AUREA* A. & C. Riviere. Poaceae. **Fishpole bamboo.**

From Georgia. Plants growing at United States Barbour Lathrop Plant Introduction Garden, Savannah. Numbered September 1947.

Originally grown from seeds produced by plants grown by J. B. Keys, Vancouver, Canada.

159776 to 159784. *AVENA SATIVA* L. Poaceae. **Oats.**

From Austria. Seeds presented by the Harrach'sche Güterdirektion, Prugg, Bruck A. D. Leitha. Received September 10, 1947.

159776. *Reina Weiss.*

159781. *Edelhofer.*

159777. *Janetzky Neuzucht.*

159782. *Otterbacher.*

159778. *Tschermaks Frühhafer.*

159783. *Schlagler Original.*

159779. *Endress Weiss.*

159784. *Ritzelhofer.*

159780. *Petkuser Flammingsgold.*

159785. *AGROPYRON* sp. Poaceae.

From Korea. Seeds presented by Victor Florell, USAMGIK, Central Experiment Station, Seoul. Received Sept. 11, 1947.

Collected near Yong-dong-po.

159786 to 159789.

From Liberia. Seeds presented by J. T. Baldwin, Jr., University of Virginia, Williamsburg, Va. Received Sept. 2, 1947.

159786. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From a market, Dakar, Senegal.

159787. *DATURA METEL* L. Solanaceae.

From Dakar, Senegal.

159788. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

From Dakar, Senegal.

159789. *TABEUTIA* sp. Bignoniaceae.

A common street tree in Dakar.

159790 to 159792. LACTUCA spp. Asteraceae.

From France. Seeds presented by the Jardin des Plantes, Rennes, Bretagne. Received Sept. 2, 1947.

159790. *LACTUCA MURALIS* (L.) Fresen.

159791. *LACTUCA SERRIOLA* L.

159792. *LACTUCA VIROSA* L.

159793 to 159798.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Sept. 16, 1947.

159793 to 159797. *PISTACIA* spp. Anacardiaceae.

159793. *PISTACIA ATLANTICA* Desf.

A pistillate seedling located in the Chico Cemetery and designated as 6 E.

159794. *PISTACIA MEXICANA* H. B. K.

Originally from Roy Nixon, United States Date Field Station, Indio, Calif.

159795 to 159797. *PISTACIA VERA* L.

Pistachio.

159795. *Peters.* A staminate pollenizer from A. B. Peters, Fresno, Calif.

159796. *Buenzle.* From Mr. Buenzle, Calif.

159797. *Minasian.* From the J. A. Minasian Ranch, Orsi, Calif.

159798. *OLEA MACROCARPA* C. H. Wright. Oleaceae.

Origin unknown.

159799 and 159800.

From Angola. Seeds presented by Janette E. Miller, Vila Mariano Machado, Ebanga. Received Aug. 29, 1947.

159799. (Undetermined.)

159800. *EUPHORBIA* sp. Euphorbiaceae.

A dwarf poinsettia from the Belgian Congo.

159801 and 159802. LACTUCA spp. Asteraceae.

From France. Seeds presented by the Jardin Botanique, Nantes. Received Sept. 2, 1947.

159801. *LACTUCA MURALIS* (L.) Fresen.

159802. *LACTUCA PERENNIS* L.

159803 to 159845.

From the Netherlands. Seeds presented by the Botanic Garden, Leiden. Received Sept. 12, 1947.

159803 to 159805. *LACTUCA* spp. Asteraceae.

159803. *LACTUCA ALPINA* (L.) Benth. & Hook.

159804. *LACTUCA MURALIS* (L.) Fresen.

159805. *LACTUCA PERENNIS* L.

159806. *PHYSALIS* sp. Solanaceae.

159807 to 159813. *RHEUM* spp. Polygonaceae.

Rhubarb.

159807. *RHEUM COLLINIANUM* Baill.

Collin rhubarb.

159808. *RHEUM FRANZENBACHII* Muentert.

159809. *RHEUM HYBRIDUM* Murr.

159810. *RHEUM LEUCORRHIZUM* Poll.

159811. *RHEUM MOORCROFTIANUM* Royle.

159812. *RHEUM OFFICINALE* Baill.

159813. *RHEUM PALMATUM* L.

Sorrel rhubarb.

159814 to 159828. *RUBUS* spp. Rosaceae.

159814. *RUBUS BIFLORUS* Smith.

159815. *RUBUS CAESIUS* L.

159816. *RUBUS GIRALDIANUS* Focke.

159817. *RUBUS IDAEUS* L.

159818. *RUBUS INOPERTUS* Focke.

159819. *RUBUS LACINIATUS* Willd.

Cutleaf blackberry.

159820. *RUBUS LEJEUNEI* Weihe & Nees.

159821. *RUBUS NEMOROSUS* Hayne.

159822. *RUBUS PEDUNCULOSUS* Don.

159823. *RUBUS PHOENICOLASIVS* Maxim.

Wineberry.

159824. *RUBUS ROSAEFOLIUS* J. E. Smith.

Roseleaf raspberry.

159825. *RUBUS RUDIS* Weihe & Nees.

159826. *RUBUS* sp.

159827. *RUBUS THIBETANUS* Franch.

159828. *RUBUS ULMIFOLIUS* Schott.

Elmleaf blackberry.

159829 to 159845. *SOLANUM* spp. Solanaceae.

159829. *SOLANUM AVICULARE* Forst. f.

159830. *SOLANUM BOERHAAVIAEFOLIUM* Sendt.

159831. *SOLANUM CAPSICASTRUM* Link.

False Jerusalem-cherry.

159832. *SOLANUM CAPSICASTRUM* Link.

Macrocarpum.

159833. *SOLANUM DULCAMARA* L.

Bitter nightshade.

159834. *SOLANUM* sp.

159835. *SOLANUM GILO* Raddi.

159836. *SOLANUM* sp.

159837. *SOLANUM NIGRUM* L.

Black nightshade.

Rubrum.

159838. *SOLANUM PSEUDOCAPSICUM* L.

Jerusalem-cherry.

159803 to 159845—Continued**159829 to 159845—Continued****159839.** SOLANUM SELLOVIANUM Sendt.**159840.** SOLANUM SISYMBRIFOLIUM Lam.**159841.** SOLANUM sp.Introduced as *Solanum spinosissimum*, an apparently unpublished name.**159842.** SOLANUM TEJUCENSE Don.**159843.** SOLANUM TOMATILLO (C. Gay) Phil. f.**159844.** SOLANUM TUBEROSUM L.**Potato.****159845.** SOLANUM VILLOSUM Willd.**159846.** ZEA MAYS L. Poaceae.**Corn.**From the Belgian Congo. Seeds presented by F. H. Jurion, INEAC, Yangambi.
Received Sept. 30, 1947.

A local unselected form.

159847. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos Aires. Received Sept. 26, 1947.

Manduvi Ghu-i (little black peanut).**159848 to 159858.** RICINUS COMMUNIS L. Euphorbiaceae.**Castorbean.**

From Palestine. Seeds presented by J. DeLeon, Agricultural Engineer, ENAM, Tel-Aviv. Received Sept. 22, 1947.

159848. No. 14.**159854.** No. 26.**159849.** No. 15.**159855.** No. 29.**159850.** No. 20.**159856.** No. 31.**159851.** No. 21.**159857.** No. 32.**159852.** No. 23.**159858.** No. 33.**159853.** No. 25.**159859.** ASTREBLA LAPPACEA (Lindl.) Domin. Poaceae.**Mitchell grass.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Sept. 10, 1947.

159860 to 159869.

From Liberia. Seeds collected by J. T. Baldwin, Jr., United States Economic Mission, Monrovia. Received Sept. 10, 1947.

159860. GOSSYPIMUM. Malvaceae.**Cotton.**

From Gletown.

159861 and 159862. DATURA spp. Solanaceae.**159861.** DATURA sp.

From Harper, Cape Palmas.

159862. DATURA sp.

From Zwrdu.

159863 to 159866. SORGHUM spp. Poaceae.**159863.** SORGHUM sp.**159865.** SORGHUM sp.

From Zeahtown.

From Fishtown.

159864. SORGHUM sp.**159866.** SORGHUM sp.

From Cape Palmas.

From Gletown.

159860 to 159869—Continued159867. *TEPHROSIA* sp. Fabaceae.

From Beartown.

159868. *TEPHROSIA* sp.

From Gletown.

159869. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

From Toroke.

159870 and 159871.

From Peru. Seeds presented by the Estación Experimental Agrícola, Tingo María. Received Sept. 10, 1947.

159870. *CARICA MONOICA* Desf. Caricaceae.159871. *CLEOME* sp. Capparidaceae.**159872 and 159873. *VICIA SATIVA* L. Fabaceae. Common vetch.**

From Spain. Seeds presented by Antonio Bermejo Z., Diputación Provincial, Valladolid. Received Sept. 15, 1947.

159872. No. 1.

159873. No. 2.

159874 and 159875. *LACTUCA* spp. Asteraceae.

From Italy. Seeds presented by the Director, Giardino Botanico e Coloniale, Palermo. Received Sept. 18, 1947.

159874. *LACTUCA SAGITTATA* Waldst. & Kit.159875. *LACTUCA VIROSA* L.**159876 to 159884.**

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received Sept. 26, 1947.

159876 to 159881. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.

159876. Province of Entre Ríos.

159877. Province of Salta.

159878. *Girasol Negro*. Province of Salta.159879. *Girasol Saratov*. Province of Buenos Aires.159880. *Girasol Sel-Klein*. Province of Buenos Aires.159881. *Girasol Skerospheli*. Province of Entre Ríos.159882 to 159884. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castorbean.

159882. From the Province of Entre Ríos.

159883. From the Province of Buenos Aires.

159884. From the Province of Buenos Aires.

159885 and 159886. *HIBISCUS* spp. Malvaceae.

From Java. Seeds presented by H. J. Toxopeus, Agricultural Experiment Station, Bogor. Received Sept. 22, 1947.

159885. *HIBISCUS CANNABINUS* L.

Kenaf.

159886. *HIBISCUS SABDARIFFA* L.

Roselle.

159887 to 159890. *MALUS* spp. Rosaceae.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Sept. 30, 1947.

159887. *MALUS IOENSIS* (Wood) Britt.

Crabapple.

Seedling presented by Dr. Glenn Viehmeyer, North Platte Experimental Substation, North Platte, Nebr. Seeds originally collected in Holt County, Nebr.

159887 to 159890—Continued**159888 and 159889.** *MALUS SOULARDII* (Bailey) Britt.**Crabapple.**

Scions presented by Dr. N. E. Hansen, South Dakota State College of Agriculture, Brookings, S. D.

159888. *Wecota*.**159889.** *Wetonka*.**159890.** *MALUS* sp.

Scions collected by F. L. O'Rourke, Soil Conservation Service, near Happy Valley School, Newark, Del.

159891. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Received Sept. 16, 1947.

Kavirondo Perennial. Strain *R2S42*.**159892 to 159900.**

From Liberia. Seeds presented by J. T. Baldwin, Jr., United States Economic Mission, Monrovia. Received Sept. 10, 1947.

159892. *CANNA* sp. Cannaceae.**159893.** *CHLORIS* sp. Poaceae.**159894.** *CROTALARIA RETUSA* L. Fabaceae.**159895.** *DRACAENA* sp. Liliaceae.

No. 7012.

159896. *DRACAENA* sp.

No. 7026.

159897. *INDIGOFERA HIRSUTA* L. Fabaceae.**159898.** *ONCOBA* sp. Flacourtiaceae.

Tree 15 feet high with white flowers.

159899. *PHYSEDRA EGLANDULOSA* Hutch. & Dalziel. Cucurbitaceae.

A climbing vine with yellow flowers and red fruits 2 inches in diameter.

159900. *SESAMUM RADIATUM* Schum. Pedaliaceae.**159901 and 159902. PASSIFLORA spp. Passifloraceae. Granadilla.**

From Colombia. Seeds presented by Roberto Carvajal, Ibagué. Received Sept. 26, 1947.

159901. *PASSIFLORA LIGULARIS* Juss.**Sweet granadilla.****159902.** *PASSIFLORA QUADRANGULARIS* L.**Giant granadilla.***Badea*.**159903 and 159904. DUBOISIA spp. Solanaceae.**

From Australia. Seeds presented by the Australian Embassy, Washington, D. C. Received Sept. 26, 1947.

159903. *DUBOISIA LEICHHARDTII* F. Muell.**159904.** *DUBOISIA MYOPOROIDES* R. Br.**159905 to 159907. LACTUCA spp. Asteraceae.**

From France. Seeds presented by the Museum National d'Histoire Naturelle, Paris. Received Sept. 26, 1947.

159905. *LACTUCA PERENNIS* L.**159906.** *LACTUCA SALIGNA* L.**159907.** *LACTUCA SERRIOLA* L.

159908. SUTHERLANDIA sp. Fabaceae.

From the Union of South Africa. Seeds presented by the South African Scientific Liaison Office, Washington, D. C. Received Aug. 15, 1947.

A shrub about 3 feet high with pinnate leaves and racemes of showy scarlet flowers.

159909. SORGHUM PURPUREO-SERICUM (Hochst.) Aschers. & Schweinf. Poaceae.

From Kenya. Seeds presented by D. C. Edwards, Department of Agriculture, Nairobi. Received Oct. 9, 1947.

159910. ZEA MAYS L. Poaceae. Corn.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 23, 1947.

Blanc de Boketa.

159911. ACER BUERGERIANUM Miquel. Aceraceae. Trident maple.

From California. Seeds presented by Stanford University, Palo Alto. Received Oct. 24, 1947.

159912. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Korea. Tubers presented by E. M. Meader, USAMGIK, Central Experiment Station, Seoul. Received Oct. 29, 1947.

159913 to 159919. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From India. Seeds presented by the Economic Botanist, Imperial Agricultural Research Institute, New Delhi. Received Oct. 10, 1947.

159913. N. P. 4.

159917. N. P. 165.

159914. N. P. 12.

159918. Punjab 8-A.

159915. N. P. 80-5.

159919. V-184.

159916. N. P. 101.

159920 and 159921. MAGNOLIA spp. Magnoliaceae.

From Wales. Seeds presented by Lord Aberconway, Bodnant, Tal-Y-Cafn, Denbighshire. Received Oct. 3, 1947.

159920. MAGNOLIA SINENSIS (Rehd. & Wils.) Stapf.

159921. MAGNOLIA WILSONII (Finet & Gagn.) Rehder. Wilson magnolia.

159922 to 159927. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Peru. Seeds presented by the Estación Experimental Agrícola de La Molina, Lima. Received Oct. 6, 1947.

159922. *Amarilla.*

159925. *Glycine H.*

159923. *Casa Grande.*

159926. *São Paulo.*

159924. *Honduras.*

159927. *Tumbes.*

159928. MUSA sp. Musaceae. Banana.

From Liberia. Plants presented by J. T. Baldwin, Jr., United States Economic Mission, Monrovia. Received Oct. 8, 1947.

From Tapita.

159929 to 159936. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Scotland. Seeds presented by Alan Blach, Springfield Farms, Forres. Received Oct. 10, 1947.

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| 159929. <i>All Clear.</i> | 159933. <i>Melville Castle.</i> |
| 159930. <i>Baby Lea.</i> | 159934. <i>Potentate.</i> |
| 159931. <i>Balch's Ailsa Craig.</i> | 159935. <i>Sapsford's No. 1.</i> |
| 159932. <i>Balch's Kondial.</i> | 159936. <i>Vetomold.</i> |

159937 and 159938. GOSSYPIUM. Malvaceae. Cotton.

From the Belgian Congo. Seeds presented by Dr. F. H. Jurion, INEAC, Yagambi. Received Oct. 15, 1947.

159937. *Gar 71.* Gandajika Station.
 159938. 1103-605. Gandajika Station.

159939 to 159952. VANILLA PLANIFOLIA Andrews. Orchidaceae.

From Nicaragua. Seeds presented by Claud L. Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Oct. 20, 1947.

From Bluefields.

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| 159939. No. 471. | 159946. No. 478. |
| 159940. No. 472. | 159947. No. 479. |
| 159941. No. 473. | 159948. No. 4710. |
| 159942. No. 474. | 159949. No. 4711. |
| 159943. No. 475. | 159950. No. 4713. |
| 159944. No. 476. | 159951. No. 4714. |
| 159945. No. 477. | 159952. No. 4716. |

159953. SACCHARUM. Poaceae. Sugarcane.

From Colombia. Cuttings presented by the Estación Experimental Agrícola, Palmira, Valle. Received Oct. 20, 1947.

159954 to 159961. ZEA MAYS L. Poaceae. Corn.

From Austria. Seeds presented by the Harrach'sche Güterdirektion, Prugg. Received Oct. 24, 1947.

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| 159954. <i>Gelber Vorarlberger.</i> | 159958. <i>Nickelsdorfer Pferdezahl.</i> |
| 159955. <i>Hohenauer Weiss.</i> | 159959. <i>Ranninger Silomais.</i> |
| 159956. <i>Kematner.</i> | 159960. <i>Weisser.</i> |
| 159957. <i>Matschek.</i> | 159961. <i>Weisser Burgenlander.</i> |

159962 and 159963.

From Florida. Seeds collected in Coconut Grove by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 24, 1947.

159962. *AFRAEGLE PANICULATA* (Schum.) Engl. Rutaceae.
 Collected at Col. Montgomery's Arboretum. Seeds originally from Nigeria.
 159963. *CITRUS MACROPTERA* var. *KERRII* Swingle. Rutaceae.

Papeda. Collected at David Fairchild's estate. Native of Siam and Sumatra.

159964 to 159973. ALLIUM CEPA L. Liliaceae.**Onion.**

From France. Seeds presented by the Tezier Frères, Valence-sur Rhone. Received Oct. 27, 1947.

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| 159964. <i>Blanc de la Reine.</i> No. 212938. | 159969. <i>Jaune Paille des Vertus.</i> No. 214711. |
| 159965. <i>Blanc de la Reine.</i> No. 59666-A. | 159970. <i>Jaune Zittau.</i> No. 214435. |
| 159966. <i>Paris.</i> No. 221631. | 159971. <i>Rouge Hatif de Niort.</i> No. 227971. |
| 159967. <i>Jaune de Maninet.</i> No. 210152. | 159972. <i>Rouge Huy.</i> No. 212553. |
| 159968. <i>Jaune Extra Hatif.</i> No. 214156. | 159973. <i>Rouge Madere Rond.</i> No. 214259. |

159974 to 159976. CITRUS. Rutaceae.

From Colombia. Scions presented by the Estación Experimental Agrícola, Palmira, Valle. Received Oct. 28, 1947.

- 159974.** CITRUS.
No. 303.
- 159975.** CITRUS.
No. 320.
- 159976.** CITRUS.
No. 426.

159977 to 159980. HORDEUM VULGARE L. Poaceae.**Barley.**

From the Netherlands. Seeds presented by the Institute for Horticultural Plant Breeding, Wageningen. Received Oct. 29, 1947.

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| 159977. <i>Fletumer.</i> | 159979. <i>Vima.</i> |
| 159978. <i>Urania.</i> | 159980. <i>Vindicat.</i> |

159981. SACCHARUM. Poaceae.**Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiment Station, Department of Agriculture and Stock, Brisbane, Queensland. Received Oct. 29, 1947.

Pompey.

159982. VOANDZEIA SUBTERRANEA (L.) Thouars. Fabaceae.**Groundnut.**

From French Cameroons. Seeds presented by F. M. Grissett, Lolodorf. Received Oct. 30, 1947.

159983. PRUNUS PERSICA var. NECTARINA (Ait.) Maxim. Rosaceae. Nectarine.

From California. Seedlings growing at the United States Plant Introduction Garden, Chico. Numbered Nov. 4, 1947.

Selection J-H-1. Originally P. I. No. 14115.

159984. NICOTIANA RUSTICA L. Solanaceae.**Aztec tobacco.**

From India. Seeds presented by the Tobacco Research Station, Rajahmundry. Received Nov. 3, 1947.

159985. ZEA MAYS L. Poaceae.**Corn.**

From New York. Seeds presented by W. C. Muenscher, Cornell University, Ithaca. Received Nov. 3, 1947.

Popcorn.

159986 to 159994. ORYZA SATIVA L. Poaceae.**Rice.**

From India. Seeds presented by the Indian Council of Agricultural Research, New Delhi. Received Nov. 10, 1947.

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| 159986. <i>No. 17</i> × <i>Nagkesar</i> . | 159991. <i>R. 7. Ajan</i> . |
| 159987. <i>Nagkesar</i> × <i>Bhondu</i> . | 159992. <i>Basmati 3</i> . |
| 159988. <i>Nagkesar</i> × <i>Luchai</i> . | 159993. <i>Basmati 370</i> . |
| 159989. <i>Bhondu</i> × <i>Parewa</i> . | 159994. <i>Sathi</i> . Local type. |
| 159990. <i>R. 3. Sultugurmatia</i> . | |

159995 to 159998. ZEA MAYS L. Poaceae.**Corn.**

From the U. S. S. R. Seeds presented by Joseph J. Bulik, Agricultural Attaché, United States Embassy, Moscow. Received Nov. 14, 1947.

Said to have come from the Georgian Republic.

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| 159995. No. 1. | 159997. No. 3. |
| 159996. No. 2. | 159998. No. 4. |

159999. BROSIMUM UTILE (H. B. K.) Karst. Moraceae. Cowtree.

From Venezuela. Seeds presented by the American Embassy, Caracas. Received Nov. 13, 1947.

160000 to 160086. RHODODENDRON. Ericaceae.**Azalea.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Oct. 21, 1947.

Seedling selections of azalea crosses made by B. Y. Morrison, Principal Horticulturist, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

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| 160000. <i>Delight</i> . | 160024. <i>Gladiator</i> . |
| 160001. <i>Orpheus</i> . | 160025. <i>Thisbe</i> . |
| 160002. <i>Quakeress</i> . | 160026. <i>Ursula</i> . |
| 160003. <i>Burgundy</i> . | 160027. <i>Serenade</i> . |
| 160004. <i>Wanderer</i> . | 160028. <i>Gracious</i> . |
| 160005. <i>Troubador</i> . | 160029. <i>Enchantment</i> . |
| 160006. <i>Bridal Veil</i> . | 160030. <i>Vanity</i> . |
| 160007. <i>Marvel</i> . | 160031. <i>Damozel</i> . |
| 160008. <i>Minstrel</i> . | 160032. <i>Evensong</i> . |
| 160009. <i>Bopeep</i> . | 160033. <i>Loveliness</i> . |
| 160010. <i>Red Bird</i> . | 160034. <i>Prudence</i> . |
| 160011. <i>Tokay</i> . | 160035. <i>Favorite</i> . |
| 160012. <i>Paradise</i> . | 160036. <i>Coquette</i> . |
| 160013. <i>Emblem</i> . | 160037. <i>Capella</i> . |
| 160014. <i>Demure</i> . | 160038. <i>Red Robe</i> . |
| 160015. <i>Souvenir</i> . | 160039. <i>Mascot</i> . |
| 160016. <i>Hopeful</i> . | 160040. <i>Felicity</i> . |
| 160017. <i>Coralie</i> . | 160041. <i>Padre</i> . |
| 160018. <i>Illusion</i> . | 160042. <i>Sappho</i> . |
| 160019. <i>Whirlwind</i> . | 160043. <i>Ballet Girl</i> . |
| 160020. <i>Captivation</i> . | 160044. <i>Sebastian</i> . |
| 160021. <i>Fanfare</i> . | 160045. <i>Nativity</i> . |
| 160022. <i>Duenna</i> . | 160046. <i>Cathay</i> . |
| 160023. <i>Winner</i> . | 160047. <i>Dream</i> . |

160000 to 160086—Continued

160048. <i>Modesty.</i>	160068. <i>Cavalier.</i>
160049. <i>Chloe.</i>	160069. <i>Abbot.</i>
160050. <i>Vision.</i>	160070. <i>Daphnis.</i>
160051. <i>Marmora.</i>	160071. <i>F. C. Bradford.</i>
160052. <i>Prelate.</i>	160072. <i>Vintage.</i>
160053. <i>Arcadia.</i>	160073. <i>Glacier.</i>
160054. <i>Grandee.</i>	160074. <i>Corydon.</i>
160055. <i>Lucette.</i>	160075. <i>Fairy Bells.</i>
160056. <i>Signal.</i>	160076. <i>Dulcimer.</i>
160057. <i>Valkyrie.</i>	160077. <i>Jamboree.</i>
160058. <i>Gypsy.</i>	160078. <i>Astarte.</i>
160059. <i>Simplicity.</i>	160079. <i>Violetta.</i>
160060. <i>Ivory.</i>	160080. <i>Swashbuckler.</i>
160061. <i>Volcan.</i>	160081. <i>Celestial.</i>
160062. <i>Morning Star.</i>	160082. <i>Consuela.</i>
160063. <i>Antares.</i>	160083. <i>Litany.</i>
160064. <i>Tango.</i>	160084. <i>Kashmir.</i>
160065. <i>Evangeline.</i>	160085. <i>Beacon.</i>
160066. <i>Marionette.</i>	160086. <i>Robinhood.</i>
160067. <i>Seneca.</i>	

160087. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae.

Broccoli.

From Italy. Seeds presented by G. De Corato and Figlio, Andria, Bari. Received Oct. 28, 1947.

Calabrese. A very early variety.

160088 to 160142. RHODODENDRON. Ericaceae.

Azalea.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Oct. 21, 1947.

Seedling selections of crosses made by B. Y. Morrison, Principal Horticulturist, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

160088. <i>Nectar.</i>	160103. <i>Nerissa.</i>
160089. <i>Constance.</i>	160104. <i>Peerless.</i>
160090. <i>Effective.</i>	160105. <i>Grenadier.</i>
160091. <i>Granat.</i>	160106. <i>Concordia.</i>
160092. <i>Pinkie.</i>	160107. <i>Oracle.</i>
160093. <i>Madeira.</i>	160108. <i>Twinkles.</i>
160094. <i>Clarion.</i>	160109. <i>Zingari.</i>
160095. <i>Argosy.</i>	160110. <i>Angelus.</i>
160096. <i>Refulgence.</i>	160111. <i>Commodore.</i>
160097. <i>Galathea.</i>	160112. <i>Colleen.</i>
160098. <i>Carbineer.</i>	160113. <i>Darling.</i>
160099. <i>Damaris.</i>	160114. <i>Blushing Maid.</i>
160100. <i>Afterglow.</i>	160115. <i>Bagatelle.</i>
160101. <i>Warrior.</i>	160116. <i>Gorgeous.</i>
160102. <i>Noreen.</i>	160117. <i>Faith.</i>

160088 to 160142—Continued

160118. <i>Red Hussar.</i>	160131. <i>Ladylove.</i>
160119. <i>Araby.</i>	160132. <i>Cherry Spot.</i>
160120. <i>Bishop.</i>	160133. <i>Rising Sun.</i>
160121. <i>Trouper.</i>	160134. <i>Velvet.</i>
160122. <i>Muscadine.</i>	160135. <i>Rosette.</i>
160123. <i>Astra.</i>	160136. <i>Content.</i>
160124. <i>Challenger.</i>	160137. <i>Jeannin.</i>
160125. <i>Treasure.</i>	160138. <i>Corsair.</i>
160126. <i>Aladdin.</i>	160139. <i>Suwanee.</i>
160127. <i>Mother of Pearl.</i>	160140. <i>Sheila.</i>
160128. <i>Viking.</i>	160141. <i>Acme.</i>
160129. <i>Stampede.</i>	160142. <i>Sentinel.</i>
160130. <i>Templar.</i>	

160143 to 160146.

From Poland. Seeds presented by Dr. S. A. Pieniazek, Skierniewice. Received Nov. 6, 1947.

160143 and 160144. *MALUS SYLVESTRIS* L. Rosaceae. **Apple.**

160143. IV-3.

160144. IV-9.

160145. *PRUNUS Cerasifera* var. *divaricata* (Ledeb.) C. Schneid. Rosaceae. **Myrobalan plum.**

160146. *PYRUS COMMUNIS* L. Rosaceae. **Common pear.**

Introduced as variety *caucasica*, an apparently unpublished name.

160147. Gossypium. Malvaceae. Cotton.

From Northern Rhodesia. Seeds presented by E. L. Echols, Kabanga Mission, Kalomo. Received Nov. 19, 1947.

Native cotton.

160148 to 160200. Solanum tuberosum L. Solanaceae. **Potato.**

From Brazil. Tubers presented by E. F. Guimaraes, Estação Experimental de Horticultura, Rio Grande do Sul. Received Oct. 27, 1947.

160148. A-1-7.	160163. X-16-6.
160149. A-2-9.	160164. X-18-1.
160150. A-11-1.	160165. X-18-3.
160151. A-11-22.	160166. X-21-3.
160152. A-13-6.	160167. X-22-2.
160153. A-13-14.	160168. X-23-5.
160154. A-28-4-S1.	160169. X-23-18.
160155. X-8-5.	160170. X-23-20.
160156. X-8-42.	160171. X-23-28.
160157. X-8-51.	160172. X-24-7.
160158. X-12-5.	160173. X-24-16.
160159. X-14-4.	160174. X-24-30.
160160. X-15-12.	160175. X-26-7.
160161. X-15-41.	160176. X-28-14.
160162. X-16-3.	160177. X-28-19.

160148 to 160200—Continued

160178. X-31-2.	160190. X-43-8.
160179. X-31-4.	160191. X-44-7.
160180. X-33-31.	160192. X-45-4.
160181. X-33-33.	160193. X-46-11.
160182. X-33-34.	160194. X-47-3.
160183. X-33-41.	160195. X-40-17.
160184. X-34-10.	160196. X-50-2.
160185. X-34-11.	160197. X-50-4.
160186. X-35-1.	160198. X-51-8.
160187. X-41-1.	160199. X-53-2.
160188. X-43-3.	160200. X-54-17.
160189. X-43-4.	

160201 to 160217. *SOLANUM* spp. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 3, 1947.

160201 to 160203. *SOLANUM DEMISSUM* Lindl.

160201. No. 14199. La Venta, Distrito Federal.

160202. No. 14200. Cruz Blanca, Distrito Federal.

160203. No. 14201. El Desierto, Distrito Federal.

160204. *SOLANUM* sp.

No. 14202. Cruz Blanca, Distrito Federal.

160205. *SOLANUM*.

No. 14204. Cruz Blanca, Distrito Federal.

160206 and 160207. *SOLANUM STOLONIFERUM* Schlecht.

160206. No. 14208. Molina de Flores.

160207. No. 14211. Volcán Popocatepetl.

160208. *SOLANUM DEMISSUM* Lindl.

No. 14212. Volcán Popocatepetl.

160209. *SOLANUM STOLONIFERUM* Schlecht.

No. 14213. Amecameca.

160210 to 160215. Ajusco, Distrito Federal.

160210. *SOLANUM DEMISSUM* Lindl.

No. 14215.

160211. *SOLANUM TUBEROSUM* L.

No. 14216.

160212. *SOLANUM DEMISSUM* Lindl.

No. 14217.

160213. *SOLANUM* sp.

No. 14218.

160214. *SOLANUM DEMISSUM* Lindl.

No. 14219.

160215. *SOLANUM TUBEROSUM* L.

No. 14220.

Potato,

Potato.

160201 to 160217—Continued**160216 and 160217.** Quarto Dinamo, Distrito Federal.**160216.** *SOLANUM DEMISSUM* Lindl.

No. 14221.

160217. *SOLANUM* sp.

No. 14225.

160218 and 160219.

From China. Seeds presented by A. Tse, Hong Kong. Received Oct. 24, 1947.

160218. *CAMELLIA SASANQUA* Thunb. Theaceae.**160219.** *TUTCHERIA SPECTABILIS* (Champ.) Dunn. Theaceae.**160220 to 160230.** *SOLANUM* spp. Solanaceae.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 5, 1947.

160220 to 160222. *SOLANUM DEMISSUM* Lindl.**160220.** No. 14199. El Desierto, Distrito Federal.**160221.** No. 14200. Cruz Blanca, Distrito Federal.**160222.** No. 14201. La Venta, Distrito Federal.**160223.** *SOLANUM* sp.

No. 14204. Cruz Blanca, Distrito Federal.

160224 to 160226. *SOLANUM STOLONIFERUM* Schlecht.**160224.** No. 14208. Molina de Flores.**160225.** No. 14211. Volcán Popocatepetl.**160226.** No. 14213. Amecameca.**160227 to 160230.** Ajusco, Distrito Federal.**160227.** *SOLANUM DEMISSUM* Lindl.

No. 14215.

160228. *SOLANUM VERRUCOSUM* Schlecht.

No. 14217.

160229 and 160230. *SOLANUM DEMISSUM* Lindl.**160229.** No. 14219.**160230.** No. 14220.**160231.** *MICROLAENA STIPOIDES* (Labill.) R. Br. Poaceae.**Meadow ricegrass.**

From New Zealand. Roots presented by the Director, Ivonwathins Ltd., New Plymouth. Received Nov. 7, 1947.

160232 to 160234. *AVENA SATIVA* L. Poaceae. **Common wheat.**

From Scotland. Seeds presented by the Scottish Society for Research in Plant Breeding, Corstorphine, Edinburgh. Received Nov. 7, 1947.

160232. No. Aa 676.**160233.** No. Aa 708.**160234.** No. Aa 712.

160235 to 160367.

From the Mariana Islands. Cuttings presented by H. L. Lyon, Hawaiian Sugar Planters' Association, Guam. Received Nov. 12, 1947.

Originally from Formosa.

160235 to 160268. SACCHARUM. Poaceae.

Sugarcane.

160235. No. 1217. 16/89. Striped.	160252. No. 1234. <i>Ant Bibit.</i>
160236. No. 1218. 16/89.	160253. No. 1235. B 606.
160237. No. 1219. 16/84.	160254. No. 1236. Ba. 11322.
160238. No. 1220. 16/89.	160255. No. 1237. <i>Batec Lupog.</i>
160239. No. 1221. 967/15A	160256. No. 1238. BL 3.
160240. No. 1222. 1014/16A	160257. No. 1239. <i>Caledonia Rib-</i> <i>bon.</i>
160241. No. 1223. 1136/14A.	160258. No. 1240. <i>Cavengerie.</i>
160242. No. 1224. 1199/16A.	160259. No. 1241. <i>Cebu Light</i> <i>Purple.</i>
160243. No. 1225. 1596/13A.	160260. No. 1242. <i>Chinois.</i>
160244. No. 1226. 1613/13A.	160261. No. 1243. CH 14.
160245. No. 1227. 1614/13A.	160262. No. 1244. CH 68(21)028.
160246. No. 1228. 12A/188.	160263. No. 1245. Co 351.
160247. No. 1229. 12A/740.	160264. No. 1246. D 73.
160248. No. 1230. 36B. <i>Bour-</i> <i>cuis.</i>	160265. No. 1247. D 432.
160249. No. 1231. 66B. <i>Bour-</i> <i>cuis.</i>	160266. No. 1248. D 908.
160250. No. 1232. 247B. <i>Bour-</i> <i>cuis.</i>	160267. No. 1249. EB 17.
160251. No. 1233. A* Ch.	160268. No. 1250. EKBT.

160269 and 160270. ERIANTHUS spp. Poaceae.

160269. ERIANTHUS ELEGANS (Jesw.) Rümke.

No. 1251.

160270. ERIANTHUS sp.

No. 1252.

160271 to 160367. SACCHARUM. Poaceae.

Sugarcane.

160271. No. 1253. F 3.	160286. No. 1268. F 118.
160272. No. 1254. F 46.	160287. No. 1269. F 122.
160273. No. 1255. F 58.	160288. No. 1270. F 125.
160274. No. 1256. F 82.	160289. No. 1271. F 128.
160275. No. 1257. F 84.	160290. No. 1272. F 130.
160276. No. 1258. F 87.	160291. No. 1273. F 131.
160277. No. 1259. F 89.	160292. No. 1274. F 132.
160278. No. 1260. F 91.	160293. No. 1275. F 133.
160279. No. 1261. F 98.	160294. No. 1276. F 134.
160280. No. 1262. F 105.	160295. No. 1277. F 1108.
160281. No. 1263. F 107.	160296. No. 1278. FM 3.
160282. No. 1264. F 108.	160297. No. 1279. FM 8.
160283. No. 1265. F 109.	160298. No. 1280. FP 143.
160284. No. 1266. F 110.	160299. No. 1281. FP 144.
160285. No. 1267. F 113.	160300. No. 1282. FP 164.

160235 to 160367—Continued

160271 to 160367—Continued

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| 160301. No. 1283. FP 172. | 160336. No. 1318. <i>Selembi-Bali.</i> |
| 160302. No. 1284. FP 183. | 160337. No. 1319. <i>Siam Foreign.</i> |
| 160303. No. 1285. FP 184. | 160338. No. 1320. <i>Sinense.</i> (Purple stalk.) |
| 160304. No. 1286. <i>Glagah.</i> (Non-tasseling.) | 160339. No. 1321. <i>Singapore 1.</i> |
| 160305. No. 1287. <i>Guam A b.</i> | 160340. No. 1322. <i>Aupin small.</i> |
| 160306. No. 1288. <i>Guam B.</i> (<i>Big Brown.</i>) | 160341. No. 1323. <i>Karenko large.</i> |
| 160307. No. 1289. H 1381. (Not <i>Hawaii.</i>) | 160342. No. 1324. <i>Tainan.</i> 2N-96. |
| 160308. No. 1290. H. V. A. 124. | 160343. No. 1325. <i>Tainan.</i> N-112. |
| 160309. No. 1291. <i>Juriana.</i> | 160344. No. 1326. <i>Tokyo.</i> |
| 160310. No. 1292. K 3. | 160345. No. 1327. TA 1. |
| 160311. No. 1293. <i>Luzon White.</i> | 160346. No. 1328. TA 7. |
| 160312. No. 1294. <i>Mani.</i> | 160347. No. 1329. TA 15. |
| 160313. No. 1295. <i>Manteiga.</i> | 160348. No. 1330. <i>Talur.</i> Edible tassels. |
| 160314. No. 1296. <i>Mia Lan.</i> | 160349. No. 1331. <i>Tamarind.</i> (<i>Black Tanna.</i>) |
| 160315. No. 1297. OH 2. | 160350. No. 1332. <i>Tekcha.</i> Chiki Island. |
| 160316. No. 1298. POJ 2761. | 160351. No. 1333. <i>Tekcha.</i> Chung Tseng. |
| 160317. No. 1299. POJ 2801. | 160352. No. 1334. <i>Tekcha.</i> Okinawa. |
| 160318. No. 1300. POJ 2803. | 160353. No. 1335. <i>Timor Wild.</i> |
| 160319. No. 1301. POJ 2876. | 160354. No. 1336. TM 70. |
| 160320. No. 1302. POJ 2946. | 160355. No. 1337. TM 71. |
| 160321. No. 1303. POJ 2967. | 160356. No. 1338. TM 84. |
| 160322. No. 1304. POJ 3016. | 160357. No. 1339. TM 85. |
| 160323. No. 1305. Q. B. 101. | 160358. No. 1340. TM 124. |
| 160324. No. 1306. <i>Ruckri.</i> | 160359. No. 1341. TM 346. |
| 160325. No. 1307. S 17. | 160360. No. 1342. TM 388. |
| 160326. No. 1308. S 51. | 160361. No. 1343. TM 543. |
| 160327. No. 1309. <i>Saipan B.</i> | 160362. No. 1344. TM 549. |
| 160328. No. 1310. <i>Saipan C.</i> | 160363. No. 1345. TM 551. |
| 160329. No. 1311. <i>Saipan D.</i> | 160364. No. 1346. TM 552. |
| 160330. No. 1312. <i>Saipan E.</i> | 160365. No. 1347. TM 553. |
| 160331. No. 1313. <i>Saipan F.</i> | 160366. No. 1348. <i>Vellai.</i> |
| 160332. No. 1314. <i>Saipan G.</i> | 160367. No. 1349. <i>Wood Cane.</i> |
| 160333. No. 1315. <i>Saipan J.</i> | |
| 160334. No. 1316. <i>Sampang A.</i> | |
| 160335. No. 1317. <i>Sarawak.</i> | |

160368 to 160377.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 13, 1947.

160368. *IPOMOEA* sp. Convolvulaceae.

No. 14228. Dry mountains above Teotitlán del Camino, Oaxaca.

160368 to 160377—Continued**160369 to 160377.** SOLANUM spp. Solanaceae.**160369.** SOLANUM sp.

No. 14205. Cruz Blanca, Distrito Federal.

160370. SOLANUM CARDIOPHYLLUM Lindl.

No. 14206. General Gonzales Station, México State.

160371 and 160372. SOLANUM STOLONIFERUM Schlecht.**160371.** No. 14207. Along the Tescocuasco River, Molina de Flores, México State.**160372.** No. 14209. Molina de Flores, México State.**160373.** SOLANUM sp.

No. 14210. In the market, Mexico, Distrito Federal.

160374. SOLANUM STOLONIFERUM Schlecht.

No. 14214. El Cantil, Distrito Federal.

160375 to 160377. SOLANUM DEMISSUM Lindl.

From Quatro Dinamo, Distrito Federal.

160375. No. 14222.**160376.** No. 14223.**160377.** No. 14224.**160378 to 160382.** HORDEUM DISTICHON L. Poaceae. **Barley.**

From Czechoslovakia. Seeds presented by the Land Institute for Plant Research, Prerov, Moravia. Received Nov. 17, 1947.

160378. *Han.***160381.** *Han IX.***160379.** *Han II.***160382.** *Starovesky Hanacky.***160380.** *Han Jubliejnf.***160383 and 160384.**

From Liberia. Collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Nov. 20, 1947.

160383. DIOSCOREA sp. Dioscoreaceae.**160384.** SORGHUM sp. Poaceae.

Ten miles southeast of Siraquelle.

160385 to 160389.

From Yugoslavia. Seeds presented by M. Fazlagic, Ministry of Agriculture, Sarajeov, Bosnia. Received Nov. 10, 1947.

160385. CITRULLUS VULGARIS Schrad. Cucurbitaceae. **Watermelon.**
Wilt-resistant.**160386.** FRAGARIA VESCA L. Rosaceae. **Alpine strawberry.****160387 and 160388.** MALUS spp. Rosaceae.**160387.** MALUS sp.**160388.** MALUS sp.**160389.** PYRUS COMMUNIS L. Rosaceae. **Common pear.****160390.** TRIFOLIUM SUBTERRANEUM L. Fabaceae. **Subterranean clover.**

From Australia. Seeds collected by L. V. Teyne, Agricultural Attaché, American Consulate General, Sydney. Received Nov. 10, 1947.

White-seeded variety.

160391 to 161085. *ORYZA SATIVA* L. Poaceae.

Rice.

From China. Seeds presented by the Rice and Wheat Improvement Station, Agricultural Improvement Institute, Ch'eng-tu, Szechwan. Received Nov. 25, 1947.

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| 160391. No. 351201. <i>Tung Wan Pai.</i> | 160425. No. 351240. <i>Shwen Shwei Ho.</i> |
| 160392. No. 351202. <i>Yeh Hwa Chan.</i> | 160426. No. 351241. <i>Kan Chan.</i> |
| 160393. No. 351203. <i>Pao Ya.</i> | 160427. No. 351242. <i>Hu Nan Hsien.</i> |
| 160394. No. 351204. <i>Hei Tu Er Hao.</i> | 160428. No. 351243. <i>Yiu Chan.</i> |
| 160395. No. 351207. <i>Fan Ho Ku.</i> | 160429. No. 351244. <i>Su Chan Tsao Ku.</i> |
| 160396. No. 351208. <i>Chi Pao Yen.</i> | 160430. No. 351245. <i>Tung Chang.</i> |
| 160397. No. 351211. <i>Ching Shwei Pai.</i> | 160431. No. 351246. <i>Man Tao.</i> |
| 160398. No. 351212. <i>Chen Swei Hwa.</i> | 160432. No. 351247. <i>Pai Chan Tsi.</i> |
| 160399. No. 351213. <i>Choh Chang San Hao.</i> | 160433. No. 351248. <i>Pai Jh Tsao.</i> |
| 160400. No. 351214. <i>Tsas Wan Ching.</i> | 160434. No. 351249. <i>Ta Nan Tiao Tsi.</i> |
| 160401. No. 351215. <i>Choh Ta 46 Hao.</i> | 160435. No. 351250. <i>Chan Ku.</i> |
| 160402. No. 351216. <i>Choh Chang Chui Hao.</i> | 160436. No. 351251. <i>Twoh Twoh Hwang.</i> |
| 160403. No. 351218. <i>Choh Chang 303 Hao.</i> | 160437. No. 351252. <i>Ta Yeh Tsi.</i> |
| 160404. No. 351219. <i>Twan Tao Pai.</i> | 160438. No. 351253. <i>Pai Chiao Pai Mi.</i> |
| 160405. No. 351220. <i>San Shih Tsi.</i> | 160439. No. 351254. <i>Hsiao Pai Ku.</i> |
| 160406. No. 351221. <i>Lu Chih Tsi.</i> | 160440. No. 351255. <i>Hung Wa Hwei.</i> |
| 160407. No. 351222. <i>Chiu Shih Tsi.</i> | 160441. No. 351256. <i>Chang Wang Ku.</i> |
| 160408. No. 351223. <i>Chi Chwa Hsien.</i> | 160442. No. 351257. <i>Er Mao Hsiang.</i> |
| 160409. No. 351224. <i>Shu Ya Chien Ko.</i> | 160443. No. 351258. <i>Hung Tsu Chu.</i> |
| 160410. No. 351225. <i>Ho Yi Tiao.</i> | 160444. No. 351259. <i>Mao Hsiang Ku.</i> |
| 160411. No. 351226. <i>Twoh Shan Kwoh.</i> | 160445. No. 351260. <i>Ta Pai Ku.</i> |
| 160412. No. 351227. <i>Yen Tiao Hsien.</i> | 160446. No. 351261. <i>Hwang Niu Wei.</i> |
| 160413. No. 351228. <i>Chung Ta 258.</i> | 160447. No. 351262. <i>Yang Mao Pai.</i> |
| 160414. No. 351229. <i>Tsao Hsiao Hsien.</i> | 160448. No. 351264. <i>Leng Shwei Ku Choh.</i> |
| 160415. No. 351230. <i>Chang Li.</i> | 160449. No. 351265. <i>Ma Chan.</i> |
| 160416. No. 351231. <i>Yeh Tao.</i> | 160450. No. 351266. <i>Hung Chan.</i> |
| 160417. No. 351232. <i>Hsiang Tao.</i> | 160451. No. 351267. <i>Hung.</i> |
| 160418. No. 351233. <i>Mei Jen Hsien.</i> | 160452. No. 351268. <i>Hwang Chiao.</i> |
| 160419. No. 351234. <i>Twan Chi Tsao.</i> | 160453. No. 351269. <i>Yiu Chan.</i> |
| 160420. No. 351235. <i>Chiang Chiu Ku.</i> | 160454. No. 351271. <i>Er Sao Hwang.</i> |
| 160421. No. 351236. <i>Chin Paop Yen.</i> | 160455. No. 351272. <i>Hsiang Tao.</i> |
| 160422. No. 351237. <i>Yeh Hsia Tsang.</i> | 160456. No. 351273. <i>Shwei Tao.</i> |
| 160423. No. 351238. <i>Pa Shih Tsao.</i> | 160457. No. 351274. <i>Yang Hsien Tao.</i> |
| 160424. No. 351239. <i>Lei Tsi Chang.</i> | 160458. No. 351275. <i>Pai Pi Ta Tao.</i> |
| | 160459. No. 351276. <i>Ning Hsia Tao.</i> |

160391 to 161085—Continued

160460. No. 351277. *Chan Mao Tiu.*
 160461. No. 351278. *Yang Hsi Tao.*
 160462. No. 351279. *Er Chi Tsao.*
 160463. No. 351280. *Ching Yang Chan.*
 160464. No. 351281. *Yu Tao.*
 160465. No. 351283. *Tsao Ju.*
 160466. No. 351284. *Ta Li Ju.*
 160467. No. 351285. *Nellose Samfa.*
 160468. No. 351286. *Acadia.*
 160469. No. 351287. No. 282
Tawng.
 160470. No. 351288. T. 130.
 160471. No. 351290. No. 4546 K.
Assaw.
 160472. No. 351291. A3 K. Assaw.
 160473. No. 351292. 36/14 K. Askam.
 160474. No. 351293. Yen No. 255.
 160475. No. 351294. T. 467.
 160476. No. 351295. *Raminad s/r. 3.*
 160477. No. 351296. *Ramay.*
 160478. No. 351297. *Aronlea.*
 160479. No. 351298. *Vamedali.*
 160480. No. 351304. *Ahbaw C 408.*
o. s. h.
 160481. No. 351306. *Ling Ta 150.*
 160482. No. 351307. *Ta Hung Ku.*
 160483. No. 351308. *Ta Ho Li.*
 160484. No. 351309. *Leng Shwei*
Keng.
 160485. No. 351310. *Tung An Chung*
 160486. No. 351317. *Choh Chang 36*
Hao.
 160487. No. 351321. *Hei Chiao Chui*
Li Hsiang Keng.
 160488. No. 351322. *Yi Shih Hsing.*
 160489. No. 351323. *Chen Chia Tao.*
 160490. No. 351324. *Pien Chang*
Ying Tao.
 160491. No. 351325. *Yiu Chan.*
 160492. No. 351326. *Chiu Shin*
Tsaa Tao.
 160493. No. 351327. *Aronlea.*
 160494. No. 351329. *Leucirro.*
 160495. No. 351330. *Tcheliameary.*
 160496. No. 351331. *Marratilli.*
 160497. No. 351332. *Seucirre.*
 160498. No. 351333. Sec. No. 221A-
 83-8.
 160499. No. 351336. *Hei Pen.*
 160500. No. 351341. *Yi Yu Ping 1*
Hao.
 160501. No. 351342. *Lu Yu 132*
Hao.
 160502. No. 351343. *Nung Lin 2*
Hao.
 160503. No. 351344. *Tung Ching*
Tao.
 160504. No. 351345. *Kwan Chu*
Chih 15 Hao.
 160505. No. 351346. *Kwei Yi Wei.*
 160506. No. 351348. *Chu Cheng.*
 160507. No. 351349. *Tsi Ta Hei.*
 160508. No. 351350. *Wan Sheng*
Shen Li.
 160509. No. 351351. *Chao Hsien*
Keng.
 160510. No. 351354. *Tai Nung 4*
Hao.
 160511. No. 351355. *Twan Hua*
Chung.
 160512. No. 351356. *Chinese Orig-*
inary.
 160513. No. 351357. *Colors 11Y316.*
 160514. No. 351361. *Yan Tsi Wu.*
 160515. No. 351362. *Hei Chiao Ju.*
 160516. No. 351363. *Pei Chiao Ju.*
 160517. No. 351364. *Hsien Chan.*
 160518. No. 351365. *Pa Yeh Hwang.*
 160519. No. 351366. *Chang Ju.*
 160520. No. 351367. *Wu Ku Chan.*
 160521. No. 351368. *Pai Sze Ju.*
 160522. No. 351369. *Hsiang Hsing*
Ju.
 160523. No. 351370. *Ju Ku.*
 160524. No. 351372. *Ta Pai Chiu*
Ku.
 160525. No. 351373. *Chiu Chiu Ku.*
 160526. No. 351374. *Ju Ku.*
 160527. No. 351375. *Yuan Yang Ku.*
 160528. No. 351376. *Yen Keng Ju.*
 160529. No. 351378. *Hung Chiu Ju.*
 160530. No. 351378. *Pan Ju.*
 160531. No. 351380. *Hung Wei Ju.*
 160532. No. 351381. *Wan Mi Hsiang.*

160391 to 161085—Continued

160533. No. 351384. *Cophpadi Dzalln.*
160534. No. 351386. *Ku Liang Tu.*
160535. No. 351387. *Shih Shang Ju.*
160536. No. 351388. *Tai Lang Ping Wei Ju 1 Hao.*
160537. No. 351389. *Shan Kiu Ju.*
160538. No. 351390. *Hsu Ju.*
160539. No. 351391. *Shen Hsuan Ju.*
160540. No. 351393. *Shan Chu Ju.*
160541. No. 351394. *Han Pu Chih.*
160542. No. 351395. *Hsiao Wu Tsu Tsi.*
160543. No. 351396. *Chien Ju Tao.*
160544. No. 351398. *II-25-507 Tsao.*
160545. No. 351399. *I-24-212 Chuan Ju 1 Hao.*
160546. No. 351400. *Wu Tao Yeh Tao.*
160547. No. 351401. *Lu Yao.*
160548. No. 351402. *Kwei 70225.*
160549. No. 351403. *Hwang Chiao Lu Tao.*
160550. No. 351404. *Tsao Ling Ho.*
160551. No. 351405. *Fan Ho Chan.*
160552. No. 351406. *Pai Mi.*
160553. No. 351407. *Lu Keng Tao.*
160554. No. 351408. *Pai.*
160555. No. 351409. *Fan Ho Ju Ho.*
160556. No. 351410. *Twan Tsi C.*
160557. No. 351411. *Pu San 1 Hao.*
160558. No. 351413. *Hsin Chow Tsao Sheng.*
160559. No. 351414. *Liu Yeh.*
160560. No. 351415. *Wu Mu Sze Tan.*
160561. No. 351416. *Han Pu Chih.*
160562. No. 351417. *Kuan Tung Tsao Sheng.*
160563. No. 351418. *Ta Li Tsao Sheng.*
160564. No. 351419. *Lu Tao 2 Hao.*
160565. No. 351420. *Tien Yiu.*
160566. No. 351421. *Liang Wen.*
160567. No. 351422. *Chih Na Ju.*
160568. No. 351423. *Chiang Tsenf Tao.*
160569. No. 351424. *Lu Yu 5 Hao Ju.*
160570. No. 351425. *Hung Chao Lu Yu.*
160571. No. 351426. *Lu Ju.*
160572. No. 351427. *Hung Mi Ho.*
160573. No. 351428. *Lei Ku Chan.*
160574. No. 351429. *Kuan Yen Chan.*
160575. No. 351431. *Hung Ksieh Ju.*
160576. No. 351432. *Tsao Yen Chan.*
160577. No. 351434. *Hei Tu 7 Hao.*
160578. No. 351435. *Tung Wan Pai 18.*
160579. No. 351436. *Lao Shu Ya Hao.*
160580. No. 351437. *Ching Kao Chan.*
160581. No. 351438. *Hei Tu 4 Hao.*
160582. No. 351439. *Chin Ta 1-3-86.*
160583. No. 351440. *Hsiao Hei Tao.*
160584. No. 351444. *Man Tao.*
160585. No. 351445. *Kuan Yen Chan.*
160586. No. 351446. *Hung Mi Ho.*
160587. No. 351447. *Man Tao.*
160588. No. 351448. *Hung Soh.*
160589. No. 351449. *Ai Tsi Ju.*
160590. No. 351450. *Yang Ku Tsi.*
160591. No. 351451. *Hwa Chien Lo Ku.*
160592. No. 351452. *Pai Jh Tsao.*
160593. No. 351453. *Tsao Pai Hwa.*
160594. No. 351454. *Liu Shih Tsao.*
160595. No. 351457. *Wu Shih Tsao.*
160596. No. 351458. *Pai Jh Tsao.*
160597. No. 351460. *Tsao Tao.*
160598. No. 351461. *Mei Jen Hsien.*
160599. No. 351462. *Hsia Jen Chiao Hsien.*
160600. No. 351463. *Tieh Yen Chan.*
160601. No. 351464. *Ma Chan.*
160602. No. 351466. *Pai Hwa Ku Er Tsi.*
160603. No. 351467. *Hung Chiao Tieh Kan Lu.*
160604. No. 351468. *Nan Chung Tao.*

160391 to 161085—Continued

160605. No. 351470. *Initlag Dalay*.
 160606. No. 351472. No. 345. *Dacca*.
 160607. No. 351477. *Shen Li Ping Hsing*.
 160608. No. 351478. *Yi Shih Hsing*.
 160609. No. 351479. *Hsin Chwang Nwei 1 Hao*.
 160610. No. 351480. *Shwei Tao 4 Hao*.
 160611. No. 351484. *Chung Ta 258*.
 160612. No. 351486. *Ken Chiao Ju Hsiao Li*.
 160613. No. 351487. *Nan Ta Shang Chin*.
 160614. No. 351488. *Ta Chang Chin*.
 160615. No. 351489.
 160616. No. 351490.
 160617. No. 351491. *Hwang Mu*.
 160618. No. 351495. *Pai Mi*.
 160619. No. 351497. *Ti Ho*.
 160620. No. 351502. *Ti Ku*.
 160621. No. 351503. *Ti Ho Ju*.
 160622. No. 351504. *Ti Ho Hung*.
 160623. No. 351505. *Pai Hsu*.
 160624. No. 351506. *Hui Lei*.
 160625. No. 351507. *Ta Chu*.
 160626. No. 351508. *Chiang Ju Chuan*.
 160627. No. 351514. *Chung Nung 7 Hao*.
 160628. No. 351515. *Ta Mao Hsiang*.
 160629. No. 351516. *Yi Shan Pai Ku*.
 160630. No. 351517. *Chiang An Chih Kei Chieh Lan*.
 160631. No. 351519. *Yeu Nan Chan Tao*.
 160632. No. 351520. *Tsao Keng 173*.
 160633. No. 351523. *Wan Keng III-19-1254*.
 160634. No. 351524. *1609 Hao*.
 160635. No. 351601. *Lu Wan Hsien*.
 160636. No. 351602. *San Pai Ku*.
 160637. No. 351509.
 160638. No. 351510.
 160639. No. 351511.
 160640. No. 351512.
 160641. No. 351534.
 160642. No. 351545.
 160643. No. 351612.
 160644. No. 351613. *Pao Tswan*.
 160645. No. 351614. *San Pao*.
 160646. No. 351615. *San Pao*.
 160647. No. 351616. *Moh Kwang Keng*.
 160648. No. 351617. *Moh Tsi Ju*.
 160649. No. 351618. *Shih Chieh*.
 160650. No. 351619. *I-24-255 Chiu Tien*.
 160651. No. 351620. *Chiu Tien 1 Hao*.
 160652. No. 351621. *Jh Pen Ju*.
 160653. No. 351622. *Tai Lang Ping Wei Ju*.
 160654. No. 351623. *Pan Shan Chao Jh Ju*.
 160655. No. 351625. *Y Chang Ju*.
 160656. No. 351626. *Hsin Nung Ju*.
 160657. No. 351627. *Jh Pen Shih Ming*.
 160658. No. 351628. *Chiang Wan 5 Hao*.
 160659. No. 351629. *Pin Chuan B*.
 160660. No. 351630. *B-26-82 Ping Shan*.
 160661. No. 351631. *Shan Kiu Wu Tsuoh*.
 160662. No. 351632.
 160663. No. 351633. *Chiang Hu Chuan*.
 160664. No. 351634. *Shen Chuan Hao*.
 160665. No. 351635. *Yu Wei*.
 160666. No. 351636. *Chung Chuch*.
 160667. No. 351638. *Jh Pen Chin Chih Tao*.
 160668. No. 351637. *Tsi Pao Koh Keng*.
 160669. No. 351639. *Kao Tao*.
 160670. No. 351640. *Pai Chung Shih Pa*.
 160671. No. 351641. *Ta Chang Kong*.
 160672. No. 351643. *Ai Kwoh 4 Hao*.
 160673. No. 351645. *Ai Kwoh Shih 1 Hao*.

160391 to 161085—Continued

160674. No. 351646. *Yui Mang Ai Kwoh.*
160675. No. 351647. *Ai Chih Ai Kwoh 2 Hao.*
160676. No. 351648. *Ai Kwoh 4 Hao.*
160677. No. 351650. *Kai Lianh Hsung Tieng.*
160678. No. 351651. *Hsung Tieng.*
160679. No. 351652. *Hsung Tieng.*
160680. No. 351653. *Hsung Tieng 1 Hao.*
160681. No. 351654. *Hsung Tieng 2 Hao.*
160682. No. 351655. *Hsung Tieng 2 Hao.*
160683. No. 351656. *Chiu Chiu Hsung Tieng.*
160684. No. 351657. *Feng Kwoh.*
160685. No. 351658. *Nung Lin Chan 5 Hao.*
160686. No. 351659. *Nung Lin 2 Hao.*
160687. No. 351660. *Hsiao Wu Tsu Tsi.*
160688. No. 351661. *Leng Kwang.*
160689. No. 351662. *Jh Pen Pai Shan.*
160690. No. 351663. *Hei Shwei.*
160691. No. 351664. *Kwei Chih.*
160692. No. 351665. *Kwei Chih 144.*
160693. No. 351666. *Tsi Shih Chin.*
160694. No. 351667. *Yi Shih Chin.*
160695. No. 351668. *Tsi Shih Chin.*
160696. No. 351669. *Chiang Wan Sheng.*
160697. No. 351670. *Wan Sheng 1 Hao.*
160698. No. 351671. *Tsao Sheng.*
160699. No. 351672. *Ta Tsao.*
160700. No. 351673. *Ao Chiu 2 Hao.*
160701. No. 351674. *Chi Nwei Tsao Sheng.*
160702. No. 351675. *Chi Nwei Kang Li.*
160703. No. 351676. *Chi Nwei Kang Li.*
160704. No. 351677. *Chi Nwei Tsao Sheng 22 Hao.*
160705. No. 351678. *Jung Shen Lig.*
160706. No. 351679. *Jung Shen Li.*
160707. No. 351680. *Hai Tung Shen Li.*
160708. No. 351681. *Kung Shen Li.*
160709. No. 351682. *Shen Li Ping Hsing.*
160710. No. 351683. *Chiang Li 3 Hao.*
160711. No. 351684. *Chih Shen Li.*
160712. No. 351685. *Wan Sheng Shen Li.*
160713. No. 351686. *Shen Li 21.*
160714. No. 351687. *Tsao Sheng Shen Li 1 Hao.*
160715. No. 351688. *Chung Shen Shen Li 1 Hao.*
160716. No. 351689. *Tu.*
160717. No. 351690. *Tu.*
160718. No. 351691. *Tu 3 Hao.*
160719. No. 351692. *Tu 8 Hao.*
160720. No. 351693. *Ku Liang Tu 2 Hao.*
160721. No. 351694. *Ku Liang Tu 3 Hao.*
160722. No. 351695. *Hsu.*
160723. No. 351696. *Hsu 2 Hao.*
160724. No. 351697. *Hsu 3 Hao.*
160725. No. 351698. *Hsu 27.*
160726. No. 351699. *Hsu 27.*
160727. No. 351700. *Tsao Sheng Hsu.*
160728. No. 351701. *Tsao Sheng Hsu.*
160729. No. 351702. *Tsao Sheng Hsu.*
160730. No. 351703. *Tsao Sheng Hsu.*
160731. No. 351704. *Tsao Sheng Hsu.*
160732. No. 351705. *Tsao Sheng Hsu 28.*
160733. No. 351706. *Ching Tu Hsu.*
160734. No. 351707. *Ching Tu Hsu.*
160735. No. 351708. *Ching Tu Hsu.*
160736. No. 351709. *Ai Chih Hsu.*
160737. No. 351710. *Ai Chih Hsu.*
160738. No. 351711. *Chien Jh Hsu.*
160739. No. 351712. *Kwang Ming Chin.*

160391 to 161085—Continued

160740. No. 351713. *Chien Yeh Chin.*
 160741. No. 351714. *San Ho Chin.*
 160742. No. 351715. *San Ho Chin.*
 160743. No. 351716. *San Ho Chin.*
 160744. No. 351717. *Hsiao Fang Chu.*
 160745. No. 351718. *Hsiao Fang Chu.*
 160746. No. 351720. *Yen Fang Chu.*
 160747. No. 351721. *Yen Fang Chu.*
 160748. No. 351722. *Yen Fang Chu.*
 160749. No. 351723. *Yen Fang Chu.*
 160750. No. 351724. *Yen Fang Chu.*
 160751. No. 351725. *Yen Fang Chu 1 Hao.*
 160752. No. 351726. *Yen Fang Chu 1 Hao.*
 160753. No. 351727. *I-19-22 Ta Chang.*
 160754. No. 351728. *Ao Yu 2 Hao.*
 160755. No. 351729. *Tsao Ta Kuan 3 Hao.*
 160756. No. 351730. *Pai Mang Jh Pen.*
 160757. No. 351731. *Tsao Ta Kwan.*
 160758. No. 351732. *Pa Kwang Jh Pen.*
 160759. No. P164.
 160760. No. P165.
 160761. No. P166.
 160762. No. P118.
 160763. No. P135.
 160764. No. P151.
 160765. No. P164.
 160766. No. P168.
 160767. No. P171.
 160768. No. P105.
 160769. No. P122.
 160770. No. P139.
 160771. No. P155.
 160772. No. P166.
 160773. No. P170.
 160774. No. P161.
 160775. No. P149.
 160776. No. P152.
 160777. No. P154.
 160778. No. 351733. *Pai Yi Ping.*
 160779. No. 351734. *Chiang Wan 15.*
 160780. No. 351735. *Tao 55.*
 160781. No. 351736. *Chi Yang Swei.*
 160782. No. 351737. *Shan Tien Swei.*
 160783. No. 351738. *Shan Tien Swei.*
 160784. No. 351739. *Chi Swei.*
 160785. No. 351740. *Chi Swei.*
 160786. No. 351741. *Ta Kwan Jh Pen.*
 160787. No. 351742. *Haiao Tsi Chung.*
 160788. No. 351743. *Shan Li Swei Chien 3 Hao.*
 160789. No. 351744. *Hsien Shan Tien Swei 1 Hao.*
 160790. No. 351745. *Shen Swei.*
 160791. No. 351746. *Yeh Tung Swei.*
 160792. No. 351747. *Hsin Shan Tien Swei 1 Hao.*
 160793. No. 351748. *Yeh Swei.*
 160794. No. 351749. *Tung Ching Chuan Tsi.*
 160795. No. 351750. *Fang Chi.*
 160796. No. 351751. *Mei Swei Hsuan.*
 160797. No. 351752. *Tsu Ta Li.*
 160798. No. 351753. *San Ching Shen Li.*
 160799. No. 351754. *Hsin Nung.*
 160800. No. 351755. *Tsi Tsu Chu Tao.*
 160801. No. 351756. *Wan Hsien.*
 160802. No. 351757. *Chung Yuen.*
 160803. No. 351758. *Jh Pen Hsiang Chuan Tsao.*
 160804. No. 351759. *Chu Cheng.*
 160805. No. 351760. *Jh Chih Chu Chuan.*
 160806. No. 351761. *Fu Tsuch Pu Chih Chi 1 Hao.*
 160807. No. 351762. *Chu Yu 1 Hao.*
 160808. No. 351763. *Chiao Yeh Kwan Tsi.*
 160809. No. 351764. *Yeh Chiao Yeh Soh Tsi.*
 160810. No. 351765. *Yeh Chiao Yeh Soh Tsi.*

160391 to 161085—Continued

160811. No. 351766. *Li Mu Y Dan.*
 160812. No. 351767. *Hsin Chann Chieh.*
 160813. No. 351768. *Li Chwan Pa Tsao.*
 160814. No. 351769. *Chung Tsun.*
 160815. No. 351770. *Hwang Mu.*
 160816. No. 351771. *Chu Cheng.*
 160817. No. 351773. *Nin Ming.*
 160818. No. 351774. *Chiao Pa Tao Chih Shih Yan Ti.*
 160819. No. 351775. *Heng Mu Chin Chung.*
 160820. No. 351776. *Wang Chu 1 Hao.*
 160821. No. 351777. *Ming Cheng 164.*
 160822. No. 351778. *Tu Pien.*
 160823. No. 351779. *Chien.*
 160824. No. 351780. *Chuan.*
 160825. No. 351781. *Chuan 8 Hao.*
 160826. No. 351782. *Mei Swei Chuan.*
 160827. No. 351783. *Yu Hsuan.*
 160828. No. 351784. *Mei Cheng Hsuan 1 Hao.*
 160829. No. 351785. *Hsuan Jh.*
 160830. No. 351786. *Hsuan 2 Hao.*
 160831. No. 351787. *Chi Liang Hao.*
 160832. No. 351788. *Chung Hsuan.*
 160833. No. 351790. *Jen Ching.*
 160834. No. 351791. *Chung Yi.*
 160835. No. 351792. *Chung Yi.*
 160836. No. 351794. No. 2894.
 160837. No. 351795. No. 3209.
 160838. No. 351798. No. 3301.
 160839. No. 351799. No. 2868.
 160840. No. 351800. No. 3284.
 160841. No. 351801. No. AH-29-356.
 160842. No. 351802. No. 2869.
 160843. No. 351803. No. T. 53.
 160844. No. 351901. *Tuoh Ying Lin Shuei Tao.*
 160845. No. 351902. *Fu Li Tao.*
 160846. No. 351903. *Hwang Miao Chan.*
 160847. No. 351904. *Tsi Ta Hei × Tuoh Ying Shuei Tao F₄.*
 160848. No. 351905. *Tsi Ta Hei × Tuoh Ying Shuei Tao F₄.*
 160849. No. 351906. *Tsi Ta Hei × Tuoh Ying Shuei Tao F₄.*
 160850. No. 351907. *Tsi Ta Hei × Tuoh Ying Shuei Tao F₄.*
 160851. No. 351908. *Ai Yeh Lu.*
 160852. No. 351909. *Ai Yeh Lu.*
 160853. No. 351910. *Ai Yeh Lu Hwang Miao Chan.*
 160854. No. 351911. *Tsu Ta Li.*
 160855. No. 351912. *Chung Ta 312 Hao × Binastian F₃.*
 160856. No. 351913. *Chung Ta 312 Hao × Binastian F₃.*
 160857. No. 351914. *Chung Ta 312 Hao × Binastian F₃.*
 160858. No. 351915. *Chung Ta 312 Hao × Binastian F₃.*
 160859. No. 351916. *Chung Ta 312 Hao × Binastian F₃.*
 160860. No. 351917. *Chung Ta 312 Hao × Binastian F₃.*
 160861. No. 351918-1. *Chung Ta 312 Hao × Binastian F₃.*
 160862. No. 351918-2. *Chung Ta 312 Hao × Binastian F₃.*
 160863. No. 351919. *Chung Ta 312 Hao × Binastian F₃.*
 160864. No. 351920-1. *Chung Ta 312 Hao × Binastian F₃.*
 160865. No. 351920-2. *Chung Ta 312 Hao × Binastian F₃.*
 160866. No. 351921. *Chung Ta 312 Hao × Binastian F₃.*
 160867. No. 351922. *Chung Ta 312 Hao × Binastian F₃.*
 160868. No. 351924. *Chung Ta 312 Hao × Binastian F₃.*
 160869. No. 351923. *Chung Ta 312 Hao × Binastian F₃.*
 160870. No. 351925-1. *Chung Ta 312 Hao × Binastian F₃.*
 160871. No. 351925-2. *Chung Ta 312 Hao × Binastian F₃.*
 160872. No. 351926. *Chung Ta 312 Hao × Binastian F₃.*
 160873. No. 351927-1. *Chung Ta 312 × Binastian F₃.*

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160874. No. 351927-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160875. No. 351927-3. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160876. No. 351928-1. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160877. No. 351928-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160878. No. 351929-1. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160879. No. 351929-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160880. No. 351930. *Chung Ta* 312
Hao × *Binastian F₃*.
160881. No. 351931. *Chung Ta* 312
Hao × *Binastian F₃*.
160882. No. 351932. *Chung Ta* 312
Hao × *Binastian F₃*.
160883. No. 351933. *Chung Ta* 312
Hao × *Binastian F₃*.
160884. No. 351934. *Chung Ta* 312
Hao × *Binastian F₃*.
160885. No. 351935. *Chung Ta* 312
Hao × *Binastian F₃*.
160886. No. 351936-1. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160887. No. 351936-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160888. No. 351936-3. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160889. No. 351936-4. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160890. No. 351937. *Chung Ta* 312
Hao × *Binastian F₃*.
160891. No. 351938-1. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160892. No. 351938-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160893. No. 351939-1. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160894. No. 351939-2. *Chung Ta*
312 *Hao* × *Binastian F₃*.
160895. No. 351940. *Hwa Yang Ju*
× *Nerovilope F₂*.
160896. No. 351941. *Hwa Yang Ju*
× *Nerovilone F₂*.
160897. No. 351942. *Hwa Yang Ju*
× *Nerovilone F₂*.
160898. No. 351943. *Hwa Yang Ju*
× *Ta Hei F₃*.
160899. No. 351944. *Chiu Chiu Ku*
× *Tsi Ta Hei F₃*.
160900. No. 351945. *Ta Hei* ×
Hung Hsueh Ju F₂.
160901. No. 351946. *Chiu Chiu Ku*
× *Nan Toh Hao F₃*.
160902. No. 351948-1. *Ai Lu Ta*
Hei Ai Sheng Yiu Mang.
160903. No. 351948-2. *Ai Yeh Lu*.
160904. No. 351950. *Ai Yeh Lu*.
160905. No. 351951. *Ai Yeh Lu*.
160906. No. 351952. *Ai Yeh Lu*.
160907. No. 351953-1. *Ai Yeh Lu*.
160908. No. 351953-2. *Ai Yeh Lu*.
160909. No. 351954-1. *Cheng Chang*.
160910. No. 351954-2. *Ai Yeh Lu*.
160911. No. 351955. *Ai Yeh Hung*.
160912. No. 351956. *Ai Yeh Lu*.
160913. No. 351957-1. *Cheng Chang*.
160914. No. 351957-2. *Ai Yeh Lu*.
160915. No. 351958.
160916. No. 351959. *Ai Yeh Lu*.
160917. No. 351961.
160918. No. 351963. *Ai Yeh Lu*.
160919. No. 351965. *Ai Yeh Lu*.
160920. No. 351966.
160921. No. 351967.
160922. No. 351970. *Ai Yeh Hung*.
160923. No. 351971. *Ai Yeh Lu*.
160924. No. 351972. *Ai Yeh Lu*.
160925. No. 351974. *Ai Yeh Lu*.
160926. No. 351975-1. *Ai Yeh Hung*.
160927. No. 351975-2. *Ai Yeh Hung*.
160928. No. 351975-3. *Cheng Chang*.
160929. No. 351976-1. *Cheng Chang*.
160930. No. 351976-2. *Ai Yeh Lu*.
160931. No. 351977. *Ai Yeh Lu*.
160932. No. 351978-1. *Cheng Chang*.
160933. (No data.)
160934. No. 351978-2. *Ai Yeh Lu*.
160935. No. 351979. *Ai Yeh Lu*.
160936. No. 351980.
160937. No. 351981. *Ai Yeh Lu*.
160938. No. 351982. *Ai Yeh Lu*.
160939. No. 351984. *Ai Yeh Lu* 160.
160940. No. 351985. *Ai Yeh Lu*.
160941. No. 351986. *Ai Yeh Lu*.

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160942. No. 351987. *Ai Yeh Lu.*
 160943. No. 351988. *Ai Yeh Lu.*
 160944. No. 351989. *Ai Yeh Lu.*
 160945. No. 351990-1. *Ai Yeh Lu.*
 160946. No. 351990-2. *Cheng Chang.*
 160947. No. 351991. *Ai Yeh Lu.*
 160948. No. 351992. *Ai Yeh Lu.*
 160949. No. 351993. *Ai Yeh Lu.*
 160950. No. 351994. *Ai Yeh Lu.*
 160951. No. 351995. *Ai Yeh Lu.*
 160952. No. 351996. *Ai Yeh Lu.*
 160953. No. 351997. *Ai Yeh Lu.*
 160954. No. 351998. *Ai Yeh Lu.*
 160955. No. 351999. *Ai Yeh Lu.*
 160956. No. 352000. *Ai Yeh Lu.*
 160957. No. 352001. *Ai Yeh Lu.*
 160958. No. 352002. *Ai Yeh Lu.*
 160959. No. 352003. *Ai Yeh Lu.*
 160960. No. 352004. *Ai Yeh Lu.*
 160961. No. 352005. *Ai Yeh Lu.*
 160962. No. 352006.
 160963. No. 352007.
 160964. No. 352008.
 160965. No. 352009.
 160966. No. 352010. *Chiu Chiu Ku*
 × *Nan Toh Hao F₃.*
 160967. No. 352019. *Nerovilone.*
 160968. No. 352020. *Tsi Chin Tsa.*
 160969. No. 352021. *Shih Shiu Chan*
 Tao.
 160970. No. 352022. *Yen Tu.*
 160971. No. 352023. *Yu Tao.*
 160972. No. 352024. *Ta Hei.*
 160973. No. 352025. *Hwa Lo Hung.*
 160974. No. 352026. *Nan Tah Hao.*
 160975. No. 352027. *Wu Ta 11934.*
 160976. No. 352022. *Tsu Ta Li.*
 160977. No. 352022. *Ken Yen.*
 160978. No. 352034. *Hung Hsien Ju.*
 160979. No. 352035. *Hung Hsien Ju.*
 160980. No. 352036. *Ai Yen Lu Tsi*
 Ta Hei.
 160981. No. 352027. *Hei Chiao Chui*
 Li Hsiang Keng.
 160982. No. 352039. *Hwa Yeng*
 Tsao Ju.
 160983. No. 352040. *Hwa Yeng*
 Tsao Ju.
 160984. No. 352041. *Teng Ju.*
 160985. No. 352042. *Yu Tao.*
 160986. No. 352044. *Hwa Lo Hung.*
 160987. No. 352045. *Tiao Wen Tao.*
 160988. No. 352046. *Fei Lai Feng.*
 160989. No. 352047. *Sha Tiao Tsao.*
 160990. No. 352048. *Choh Chang 5*
 Hao.
 160991. No. 352050. *Fei Oh Chan.*
 160992. No. 352051. *Fei Lai Hwang.*
 160993. No. 352052. *Pien Chan*
 Ying Tao.
 160994. No. 352053. *Binastian.*
 160995. No. 352054. *Pai Chiao Pai*
 Mi Leng Shwei Ku.
 160996. No. 352055. *Chang Wang*
 Ku.
 160997. No. 352056. *Keng Chi Ju.*
 160998. No. 352057. *Hsiang Tsi*
 Wan Tao.
 160999. No. 352058. *Kwa Tsi Ju.*
 161000. No. 352059. *Hung Chiao Ju.*
 161001. No. 352060. *Chang Ju.*
 161002. No. 352061. *Ho Ku.*
 161003. No. 352062.
 161004. No. 352063.
 161005. No. 352064.
 161006. No. 352065.
 161007. No. 352066.
 161008. No. 352067.
 161009. No. 352068.
 161010. No. 352069.
 161011. No. 352071. *Tuoh Ying Lin*
 Shuwei Tao.
 161012. No. 352072. *No. 40015 Pa*
 Ju.
 161013. No. 352073. *Hwei Ju.*
 161014. No. 352074. *Ping Shan Kan*
 Tien Tsai.
 161015. No. 352075. *Wan Hsien*
 Yang Chiu Ku.
 161016. No. 352076. *Kwang An Yan*
 Yang Chan.

160391 to 161085—Continued

161017. No. 352077. *Lang Chung Yi Lung Ma Ku.*
161018. No. 352078. *Yeng Shan Tsuen Ju.*
161019. No. 352079. *Yen Shan Ma Chiu Ku.*
161020. No. 352080. *Lang Chung Yi Lung Ju.*
161021. No. 352081. *Cheng Kiu San Ko Tswen Ju Ku.*
161022. No. 352082. *Hsiao Chiu Ku.*
161023. No. 352083. *Chang Ling Yuan Yang Ku.*
161024. No. 352084. *Ping Shan Ta Tswen Ku.*
161025. No. 352085. *Pa Hsien Tswen Ju.*
161026. No. 352086. *San Chiao Tswen.*
161027. No. 352087. *Yang Chiu Ku.*
161028. No. 352088. *Kan Tien Ju.*
161029. No. 352089. *Pu Chiang Hsiao Chiu Ku.*
161030. No. 352090. *Tan Ling Yuan Yang Ku.*
161031. No. 352091. *Chung Ching Yang Chiu Ku.*
161032. No. 352092. *Ming Shan Wan Tao Ku.*
161033. No. 352093. *San Tswen Chiao.*
161034. No. 352094. *Hsiao Chiu Ku.*
161035. No. 352095-1. *Hei Mi Chan.*
161036. No. 352095-2. *Hei Mi Chan.*
161037. No. 352096. *Yeh Chun Hung Ku.*
161038. No. 352097. *Hsiang Chu Keng.*
161039. No. 352098.
161040. No. 352099. *Yi Pin Ju Tao.*
161041. No. 352100. *Ching Hwa Leng Shwei Ku.*
161042. No. 352101. *Mei Shan Hei Ku.*
161043. No. 352103. *Hu Nan Wan Hsien 21-3.*
161044. No. 352105. *Chiang An Tsao Pai Ku.*
161045. No. 352106. *Ksiao Chiu Ku.*
161046. No. 352107. *Ku.*
161047. No. 352108-1. *Kao Tao.*
161048. No. 352108-2. *Kao Tao.*
161049. No. 352109. *Sung Pan Tao.*
161050. No. 352111. *Yen Tu T 18.*
161051. No. 352112. *Chang Ch'sang Hsu Tao.*
161052. No. 352113. *Lung Ya Chan.*
161053. No. 352114. *Ken Yen.*
161054. No. 352115. *No. 279 Hao.*
161055. No. 352116. *Ang Hung Mi.*
161056. No. 352124. *K 184.*
161057. No. 352127. *Chiu Tswoh Tao Chia Fu Tawing Mi. (Brown)*
161058. No. 352128. *Chiu Tswoh Tao Yi.*
161059. No. 352130. *Fu Tao Yi.*
161060. No. 352143. *Tung Ho.*
161061. No. 352144. *No. 97-40-1.*
161062. No. 352145. *No. 97-37-1.*
161063. No. 352146. *No. 96-50-1.*
161064. No. 352147. *No. 97-38-1.*
161065. No. 352148. *No. 97-46-1.*
161066. No. 352149. *No. 96-46-1.*
161067. No. 352150. *No. 98-45-1.*
161068. No. 352151. *No. 97-51-2.*
161069. No. 352152. *No. 97-39-1.*
161070. No. 352153. *No. 97-35-2.*
161071. No. 352154. *No. 97-32-2.*
161072. No. 352155. *No. 98-48-2.*
161073. No. 352156. *No. 98-49-1.*
161074. No. 352157. *No. 98.*
161075. No. 352158. *No. 98-50-1.*
161076. No. 352159. *No. 304-1.*
161077. No. 352160.
161078. No. 352901.
161079. No. 352902.
161080. No. 352903.
161081. *No. P 128.*
161082. No. 352133. *White Halga 1690.*
161083. No. 352125. *K 540.*
161084. No. 352134. *Jeddu 1061 Hung Mi.*
161085. No. 352126. *Z 31 Tsung Mi.*

161086. BERRIA QUINQUELOCULARIS Teysm. & Binn. Tiliaceae.

From Hawaii. Seeds presented by the Hawaiian Sugar Planters Association, Honolulu. Numbered November 1947.

161087 to 161090. SOLANUM spp. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 28, 1947.

161087 and 161088. SOLANUM DEMISSUM Lindl.

161087. No. 14274. *Papa Cimarrona*.

161088. No. 14275. *Papa Cimarrona*.

161089. SOLANUM STOLONIFERUM Schlecht.

No. 14278. *Cumbres*.

161090. SOLANUM DEMISSUM Lindl.

No. 14280. Found on forest seepage soil.

161091 to 161094. MALUS spp. Rosaceae.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Dec. 1, 1947.

161091. MALUS.

Selection from P. I. No. 135981.

161092. MALUS sp.

Originally from State College, Pa.

161093 and 161094. MALUS.

Purchased from Snider Brothers, Center Point, Iowa.

161093. *Wynema Crab*; A *Malus soulardi* clone.

161094. *Hawkeye Greening*.

161095. GOSSYPIMUM. Malvaceae.

Cotton.

From the U. S. S. R. Seeds obtained through L. Volin, Office of Foreign Agriculture Relations, United States Department of Agriculture, Washington, D. C. Received Dec. 2, 1947.

From Bukhara, Uzbek.

161096 and 161097. HORDEUM spp. Poaceae.

Barley.

From Sweden. Seeds presented by the Lantbrukshögskolans Institution för Vaxtödlingslära, Uppsala. Received Nov. 25, 1947.

161096. *HORDEUM AGRIOCRITHON* Åberg.

161097. *HORDEUM AGRIOCRITHON* var. *DAWOENSE* Åberg.

161098. ALLIUM CEPA L. Liliaceae.

Onion.

From the Union of South Africa. Bulbs presented by the Department of Horticulture, Pretoria, Transvaal. Received Dec. 1, 1947.

161099. GAHNIA TRIFIDA Labill. Cyperaceae.

Sword grass.

From Australia. Seeds presented by A. N. Burns, National Museum, Melbourne, Victoria. Received Dec. 2, 1947.

161100 to 161103. SACCHARUM. Poaceae.

Sugarcane.

From Colombia. Seeds presented by the Estación Experimental Agrícola, Palmira, Valle. Received Nov. 24, 1947.

161100. *M. C. 103/37* × *SS Burma*. **161102.** *POJ 2725* × *SS Burma*.

161101. *EDC 3 F (24)* × *SS Burma*. **161103.** *Rayada* × *SS Burma*.

161104 to 161143.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received Nov. 25, 1947.

161104. *OXALIS* sp. Oxalidaceae.

No. 14258. *Papas Castilla*. Near San José de las Combres, Michoacán. Nov. 14, 1947.

161105. *IPOMOEA* sp. Convolvulaceae.

No. 14257. Las Peras, Michoacán. Nov. 14, 1947.

161106 to 161143. *SOLANUM* spp. Solanaceae.

161106. *SOLANUM* spp.

No. 14227. Upper slope of Cerro San Felipe, Oaxaca. Oct. 31, 1947. Mixture.

161107 to 161112. From the State of Puebla. Nov. 3, 1947.

161107. *SOLANUM TUBEROSUM* L.

Potato.

No. 14229. Mount Malinche.

161108. *SOLANUM STOLONIFERUM* Schlecht.

No. 14230. Mount Malinche.

161109. *SOLANUM STOLONIFERUM* Schlecht.

No. 14231. Mount Malinche.

161110. *SOLANUM TUBEROSUM* L.

Potato.

No. 14232. Mount Malinche.

161111. *SOLANUM STOLONIFERUM* Schlecht.

No. 14233. Volcán Popocatepetl.

161112. *SOLANUM* spp.

No. 14234. Volcán Popocatepetl. Mixture.

161113 to 161120. From the State of México.

161113. *SOLANUM TUBEROSUM* L.

Potato

No. 14235. In Rio Frio, cultivated in mountains.

161114 to 161118. *SOLANUM DEMISSUM* Lindl.

161114. No. 14236. Rio Frio.

161117. No. 14239. Rio Frio.

161115. No. 14237. Rio Frio.

161118. No. 14240. Colonia

161116. No. 14238. Rio Frio.

Manuel Avila Camacho.

161119. *SOLANUM BULBOCASTANUM* Dun.

No. 14241. Twenty-three miles south of Mexico, Distrito Federal.

161120. *SOLANUM BULBOCASTANUM* Dun.

No. 14242. Twenty-three miles south of Mexico, Distrito Federal.

161121 to 161126. From the State of Hidalgo.

161121 and 161122. *SOLANUM DEMISSUM* Lindl.

161121. No. 14243. Real del Monte.

161122. No. 14244. Real del Monte.

161123. *SOLANUM VERRUCOSUM* Schlecht.

No. 14245. Real del Monte.

161124 to 161126. *SOLANUM STOLONIFERUM* Schlecht.

161124. No. 14246. Acaxochitlan.

161125. No. 14247. Tulancingo.

161126. No. 14248. One mile east of Pachuca.

161104 to 161143—Continued**161106 to 161143—Continued****161127. SOLANUM TUBEROSUM L.****Potato.**

No. 14249. San Pedro Tenango, Querétaro.

161128 to 161137. From the State of Michoacán.**161128. SOLANUM VERRUCOSUM Schlecht.**

No. 14252. Opopeo. On edge of a balsam forest.

161129. SOLANUM VERRUCOSUM var. SPECTABILE Correll.

No. 14253. Opopeo. On edge of balsam forest.

161130. SOLANUM BULBOCASTANUM Dun.

No. 14254. Mount Punguato, near Morelia.

161131. SOLANUM TUBEROSUM L.**Potato.**

No. 14255. Las Peras.

161132. SOLANUM STOLONIFERUM Schlecht.

No. 14256. Las Peras.

161133. SOLANUM spp.

No. 14221. Near San José de las Cumbres. Mixtures.

161134. SOLANUM STOLONIFERUM Schlecht.

No. 14259. Near San José de las Cumbres.

161135. SOLANUM DEMISSUM Lindl.

No. 14260. Near San José de las Cumbres.

161136. SOLANUM spp.

No. 14261. Near San José de las Cumbres, on edge of balsam-pine forest. Mixture.

161137. SOLANUM VERRUCOSUM var. SPECTABILE Correll.

No. 14262. Puerto Carnica.

161138 to 161143. From the State of México. Nov. 15, 1947.**161138. SOLANUM STOLONIFERUM Schlecht.**

No. 14263. Mount Nevada de Toluca, near San Juan de las Huertas.

161139 to 161142. SOLANUM DEMISSUM Lindl.**161139. No. 14264. La Puerto, upper slopes of Mount Nevada de Toluca.****161140. No. 14265. La Puerto, upper slopes of Mount Nevada de Toluca.****161141. No. 14266. Upper slopes of Mount Nevada de Toluca, near Villahermosa.****161142. No. 14267. Upper slopes of Mount Nevada de Toluca, near Villahermosa.****161143. SOLANUM TUBEROSUM L.****Potato.**

No. 14268. Upper slopes of Mount Nevada de Toluca, near Villahermosa.

161144 to 161148. RAPHANUS SATIVUS L. Brassicaceae. Radish.

From China. Seeds presented by David C. Graham, West China Union University, Ch'eng-tu, Szechwan. Received Nov. 10, 1947.

161144. White radish, short and round.**161147. Red radish, long.****161145. Red radish.****161148. White radish. From Kia-hang.****161146. White radish, long and slender.**

161149 to 161182. SOLANUM spp. Solanaceae.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 25, 1947.

161149. SOLANUM DEMISSUM Lindl.

No. 14203. Cruz Blanca, Distrito Federal.

161150. SOLANUM STOLONIFERUM Schlecht.

No. 14207. Cruz Blanca, Distrito Federal.

161151. SOLANUM sp.

No. 14209. Molina de Flores, México State.

161152. SOLANUM STOLONIFERUM Schlecht.

No. 14214. El Cantil, Distrito Federal.

161153 to 161155. SOLANUM DEMISSUM Lindl.

From Quatro Dinamo, Distrito Federal.

161153. No. 14222.

161154. No. 14223.

161155. No. 14224.

161156. SOLANUM BULBOCASTANUM var. **GLABRUM** Correll.

No. 14226. Cerro San Felipe, Oaxaca.

161157. SOLANUM sp.

No. 14227. Teotitlán del Camino, Oaxaca.

161158 to 161160. SOLANUM STOLONIFERUM Schlecht.

From El Guarda, Distrito Federal.

161158. No. 14231.

161159. No. 14232.

161160. No. 14233.

161161. SOLANUM STOLONIFERUM Schlecht.

No. 14234. Volcán Popocatepetl, Puebla State.

161162 to 161167. From Rio Frio, México State.

161162. SOLANUM TUBEROSUM L.

Potato.

No. 14235.

161163 to 161167. SOLANUM DEMISSUM Lindl.

161163. No. 14236.

161166. No. 14239.

161164. No. 14237.

161167. No. 14240.

161165. No. 14238.

161168 to 161172. From the State of Hidalgo.

161168 and 161169. SOLANUM DEMISSUM Lindl.

161168. No. 14243. Real del Monte.

161169. No. 14244. Real del Monte.

161170 to 161172. SOLANUM STOLONIFERUM Schlecht.

161170. No. 14246. Pachuca.

161171. No. 14247. Tulancingo.

161172. No. 14248. Acaxochitlan

161149 to 161182—Continued**161173 to 161178.** From the State of Michoacán.**161173.** *SOLANUM VERRUCOSUM* Schlecht.

No. 14252. Opopeo.

161174. *SOLANUM VERRUCOSUM* var. *SPECTABILE* Correll.

No. 14253. Opopeo.

161175. *SOLANUM DEMISSUM* Lindl.

No. 14259. San José de las Cumbres.

161176. *SOLANUM DEMISSUM* Lindl.

No. 14260. San José de las Cumbres.

161177. *SOLANUM* sp.

No. 14262. San José de las Cumbres.

161178. *SOLANUM STOLONIFERUM* Schlecht.

No. 14263. Puerto Carnica.

161179 to 161182. *SOLANUM DEMISSUM* Schlecht.

From the State of Mexico.

161179. No. 14265. San Juan de las Huertas.**161180.** No. 14266. Villahermosa.**161181.** No. 14267. Villahermosa.**161182.** (No data.)**161183 to 161192.** *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.
Sweetpotato.

From the Union of South Africa. Tubers presented by the Division of Horticulture, Pretoria, Transvaal. Received Dec. 1, 1947.

161183. *Borrie.***161188.** *6 Maande.***161184.** *Bobbejaan Oor.***161189.** *Port Natal.***161185.** *Dessert.***161190.** *Tomlinson.***161186.** *Hall.***161191.** *Wenner.***161187.** *3 Maande.***161192.** *Wit Elsenburg.***161193 to 161261.**

From the Anglo-Egyptian Sudan. Seeds presented by the Empire Cotton Growing Corporation, Shambat Experiment Station, Khartoum North. Received Dec. 1, 1947.

161193 to 161254. *Gossypium.* Malvaceae.**Cotton.****161193.** UA 5-1. Colombia.**161194.** UA 5-2. Colombia.**161195.** UA 5-3. Colombia.**161196.** UA 5-4. Apure, Venezuela.**161197.** UA 7-1. The U. S. S. R.**161198.** UA 7-2. *Indore.* Indore, India.**161199.** UA 7-3. *Punjab Golden.* India.**161200.** UA 7-4. *Chinese SAF 5.* China. (Yellow pollen.)**161201.** UA 7-4a. *Chinese SAF 5.* China. (White pollen.)**161202.** UA 7-5. Rogh, India.**161203.** UA 7-6. *Koghuzi.* Chitral, Pakistan.

161193 to 161261—Continued

161193 to 161254—Continued

161204. UA 7-9. Shosf, eastern Iran.
 161205. UA 7-10. Maineh, eastern Iran.
 161206. UA 7-11. Zinazan. Iran.
 161207. UA 7-13. Iran.
 161208. UA 7-14. Karaj, western Iran.
 161209. UA 7-18. *Felistani*. Shiraz, western Iran.
 161210. UA 7-19. *Navirtuski*. Shiraz, western Iran.
 161211. UA 7-20. Meshed, Iran.
 161212. UA 7-25. *103-E*. Dharwar, India.

161213 to 161217. From Coimbatore, India.

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| 161213. <i>Cambodia CO 2.</i> | 161216. UA 7-30. |
| 161214. <i>Cambodia 920.</i> | 161217. UA 7-31. |
| 161215. <i>Cambodia 1267.</i> | |

161218. UA 7-33. *Hirsutum III*. Phrabhani, Hyderabad, India.
 161219. UA 7-34. *Hirsutum V*. Phrabhani, Hyderabad, India.
 161220. UA 7-37. *Hirsutum II*. Phrabhani, Hyderabad, India.
 161221. UA 7-39. Cawnpore, India.
 161222. UA 7-40. *MU1*. Indore, India.
 161223. UA 7-41. *MU3*. Indore, India.
 161224. UA 7-43. *MU8a*. Indore, India.
 161225. UA 7-44. *MU8b*. Indore, India.
 161226. UA 7-45. *Dhar Cambodia*. Dhar, central India.
 161227. UA 7-46. *Mendiola*, Batangas, Philippine Islands.
 161228. UA 7-47. *Silayan*, Batangas, Philippine Islands.
 161229. UA 7-48. *Kapas Purao*, Philippine Islands.
 161230. 7/VU 21. *Buri 107*. Central Provinces, India.
 161231. UA 8-1. Barberton, Transvaal.
 161232. UA 8-2. Barberton, Transvaal.
 161233. UA 8-3. Barberton, Transvaal.
 161234. UA 8-4. Barberton, Transvaal.
 161235. UA 8-5.
 161236. UA 8-6. Gatooma, Southern Rhodesia.
 161237. UA 8-7. Gatooma, Southern Rhodesia.
 161238. UA 8-11. Gatooma, Southern Rhodesia.
 161239. UA 8-12. Gatooma, Southern Rhodesia.
 161240. UA 8-13. *Bakatuka*. Zaria, Nigeria.
 161241. UA 8-18. *Allen*. French Sudan.
 161242. UA 8-19. *Lightning Express*. French Sudan.
 161243. UA 8-20. *Triumph*. Belgian Congo.
 161244. UA 8-21e. *Mayo*. Kebbi, French Equatorial Africa.
 161245. UA 8-21f. *Mayo*. Kebbi, French Equatorial Africa.
 161246. UA 8-21g. *Mayo*. Kebbi, French Equatorial Africa.
 161247. UA 8-22. Barberton, Transvaal.
 161248. UA 8-25. Kawanda, Uganda.

161193 to 161261—Continued

161193 to 161254—Continued

161249. UA 8-26. Kawanda, Uganda.

161250. UA 8-27. Kawanda, Uganda.

161251. UA 8-28. *Uganda Red*. Kawanda, Uganda.

161252. 8/VU 23. Domira Bay, Nyasaland.

161253. UA 9-1. Titsiros, Cyprus.

161254. UA 9-2. *Triumph*. Thriamvos, Cyprus.

161255. CIENFUEGOSIA HILDEBRANDTII Garcke. Malvaceae.

WF 1-1. Swaziland.

161256. FUGOSIA GERRARDII Harv. Malvaceae.

WF 2-1. Swaziland.

161257. GOSSYPIUM KIRKII Masters. Malvaceae.

WG 1-6.

161258. GOSSYPIUM BREVILANATUM Hochr.

WG 2-1.

161259. THESPESIA LAMPAS (Cav.) Dalz. & Gibs. Malvaceae.

WT 7-1.

161260. SHANTZIA GARCKEANA (F. Hoffm.) Lewton. Malvaceae.

WT 1-7. Nyasaland.

161261. THESPESIA POPULNEA (L.) Soland. Malvaceae.

WT 2-2. Khartoum.

161262 to 161272. GOSSYPIUM spp. Malvaceae.

Cotton.

From the Anglo-Egyptian Sudan. Seeds presented by the Empire Cotton Growing Corporation, Shambat Experiment Station, Khartoum North. Received Dec. 1, 1947.

161262 to 161264. GOSSYPIUM.

161262. RA 9-4. *Fiji Wild*. Fiji Islands.161263. ATS 2. *Galerissa*. Anglo-Egyptian Sudan.161264. ATI 6. *Rozi*. Baroda, India.

161265. GOSSYPIUM TOMENTOSUM Nutt.

TP 9-3. Hawaii.

161266 and 161267. GOSSYPIUM ANOMALUM Wawra.

161266. WB 1-5. Gebel Tuyus, Kordofan, Anglo-Egyptian Sudan.

161267. WB 1-7. Nahud, Kordofan, Anglo-Egyptian Sudan.

161268. GOSSYPIUM ARIDUM (Rose & Standl.) Skov.

W.D. 4-1. Western Mexico.

161269 to 161272. GOSSYPIUM spp.

161269. GOSSYPIUM sp.

WE 2-1. El Wak, northern Kenya.

161270. GOSSYPIUM sp.

WE 2-2. El Wak, northern Kenya.

161271. GOSSYPIUM sp.

WE 2-3. Fada, French Equatorial Africa.

161272. GOSSYPIUM sp.

WE 2-4. Gebel Ibrahim Kabbashi, Anglo-Egyptian Sudan.

161273 to 161280.

From the Anglo-Egyptian Sudan. Seeds presented by the Empire Cotton Growing Corporation, Shambat Experiment Station, Khartoum North. Received Dec. 1, 1947.

161273. *Gossypium anomalum* Wawra. Malvaceae.

French Equatorial Africa.

161274. *Sturtia gossypoides* R. Br. Malvaceae.

Central Australia.

161275 to 161280. *Gossypium* spp. Malvaceae.

161275. *Gossypium thurberi* Todaro.

Southwestern United States.

161276. *Gossypium armourianum* Kearney.

Lower California.

161277. *Gossypium klotzschianum* Anderss.

Galápagos Islands.

161278. *Gossypium klotzschianum* Anderss.

161279. *Gossypium raimondii* Ulbrich.

Peru.

161280. *Gossypium stocksii* Masters.

Sind. Pakistan.

161281 to 161287. Solanum spp. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 1, 1947.

161281 to 161283. *Solanum stoloniferum* Schlecht.

Near San Cristóbal, Tlaxcala. Nov. 19, 1947.

161281. No. 14271. (Seeds.)

161282. No. 14271.

161283. No. 14272.

161284. *Solanum demissum* Lindl.

No. 14273. Cultivated at San Cristóbal, Tlaxcala.

161285. *Solanum tuberosum* L.

Potato.

No. 14276. Near El Guarda, Distrito Federal.

161286. *Solanum* sp.

No. 14279. Lake Zempoala, State of México. Nov. 21, 1947.

161287. *Solanum demissum* Lindl.

No. 14283. Mountains above Tres Cumbres, Morelos. Nov. 23, 1947.

161288. Gordonia sp. Theaceae.

From China. Seeds presented by Andrew Tse, Hong Kong. Received Nov. 12, 1947. Introduced as *Gordonia championii*, an apparently unpublished name.

161289. Firmiana simplex (L.) W. F. Wight. Sterculiaceae.

From California. Tree growing at the United States Plant Introduction Garden, Chico. Numbered Dec. 2, 1947.

161290 to 161293. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Haiti. Roots collected in Port-au-Prince by B. H. Groth, Suwannee Fruit & Steamship Co., Jacksonville, Fla. Received Dec. 4, 1947.

161290. No. 1.

161292. No. 3.

161291. No. 2.

161293. No. 4.

161294 to 161319. ARACHIS spp. Fabaceae. Peanut.

From South America. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Dec. 8, 1947.

161294 to 161318. ARACHIS HYPOGAEA L. Common peanut.

Original sources as follows:

161294. No. 8-A. *Blanco*. De la Zona, Argentina.

161295. No. 9-A. Fla. 2e. 249-40-B-3. Argentina.

161296. No. 10-A. Sel Mf 44/8. Cerro Colorado, Córdoba, Argentina.

161297. No. 11-A. LE-29. Estanzuela, Uruguay.

161298. No. 12-A. *Ovaro*. Bolivia.

161299. No. 13-A. *Mani Perla*. Jujuy, Argentina.

161300. No. 14-A. LE-14. Estanzuela, Uruguay.

161301. No. 15-A. *Cordoba Red*. Córdoba Province, Argentina.

161302. No. 16-A. *Large Red*. Bolivia.

161303. No. 17-A. *Guaycuru*. Misiones, Argentina.

161304. No. 18-A. *Santa Fé White*. Santa Fe, Argentina.

161305. No. 19-A. LE-36. Uruguay.

161306. No. 20-A. LE-26. Uruguay.

161307. No. 21-A. *Mani Blanco*. Corrientes and Misiones, Argentina.

161308. No. 22-A. *Mani Negro*. Paraguay.

161309. No. 23-A. Corrientes Province, Argentina.

161310. No. 24-A. Santa Fe Province, Argentina.

161311. No. 25-A. *Negro*. Entre Ríos Province, Argentina.

161312. No. 26-A. *Blanco*. Entre Ríos Province, Argentina.

161313. No. 27-A. Córdoba Province, Argentina.

161314. No. 28-A. *Mani Perla*. A large-seeded variety. Salta Province, Argentina.

161315. No. 29-A. *De Tostadero*. Córdoba Province, Argentina.

161316. No. 30-A. Corrientes Province, Argentina.

161317. No. 31-A. Salto, Uruguay.

161318. No. 32-A. Santa Fe Province, Argentina.

161319. ARACHIS VILLOSA Benth.

Darwinian. Uruguay.

161320 and 161321. PRUNUS PERSICA var. NECTARINA (Ait.) Maxim. Rosaceae. Nectarine.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Dec. 1, 1947.

161320. Selection (J-H-24) from P. I. No. 141115.

161321. Selection (J-H-28) from P. I. No. 141115.

161322. ANANAS COMOSUS (L.) Merr. Bromeliaceae. Pineapple.

From Mexico. Plants collected by Kenneth R. Kerns, Honolulu, Hawaii.
Received Dec. 10, 1947.

161323 to 161335. FICUS spp. Moraceae.

From California. Seeds collected by I. J. Condit, Citrus Experiment Station,
Riverside. Received Dec. 10, 1947.

161323. FICUS CAPENSIS Thunb.

St. Louis, Sénégal, French West Africa.

161324. FICUS BONPLANDIANA (Liebm.) Miq.

Mazatlán, Sinaloa, Mexico.

161325. FICUS COTINIFOLIA H. B. K.

Álamos, Sonora, Mexico.

161326. FICUS ITEOPHYLLA Miq.

St.-Louis, Sénégal, French West Africa.

161327. FICUS ITEOPHYLLA Miq.

St.-Louis, Sénégal, French West Africa.

161328. FICUS NYMPHAEAFOLIA Mill.

Caracas, Venezuela.

161329. FICUS PETERSII Warb.

Pretoria, Transvaal, Union of South Africa.

161330. FICUS PETIOLARIS H. B. K.

Mazatlán, Sinaloa, Mexico.

161331. FICUS PETIOLARIS H. B. K.

Mazatlán, Sinaloa, Mexico.

161332. FICUS PLATYPHYLLA Delile.

St.-Louis, Sénégal, French West Africa.

161333. FICUS RADULA Willd.

Caracas, Venezuela.

161334. FICUS STUHLMANNII Warb.

Pretoria, Union of South Africa.

161335. FICUS URBANIANA Warb.

Caracas, Venezuela. A medium to tall tree with broadly ovate papery leaves, 6 to 9 inches long, and small yellowish fruits up to 1 inch in diameter. Native to the West Indies.

161336. (Undetermined.)

From Mexico. Plant presented by K. R. Kerns, Honolulu, Hawaii. Received
Dec. 10, 1947. An undetermined bromeliad.

161337 to 161346.

From Brazil. Seeds presented by the Ministério de Agricultura, Rio de Janeiro.
Received Nov. 20, 1947.

161337. BOEHMERIA NIVEA (L.) Gaud. Urticaceae.

Ramie.

161338. CORCHORUS CAPSULARIS L. Tiliaceae.

Jute.

161339. CORCHORUS OLITORIUS L.

Jute.

161340. CROTALARIA JUNCEA L. Fabaceae.

Sunn-hemp.

161337 to 161346—Continued

161341 to 161343. *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**

161341. *Amarela.*

161342. *Vermelha.*

161343. *Tupijan.*

161344. *HIBISCUS SABDARIFFA* L. **Roselle.**
Vinagreira.

161345. *TRIUMFETTA RHOMBOIDEA* Jacq. Tiliaceae.
Carrapicho.

161346. *URENA LOBATA* L. Malvaceae.

161347 to 161353. SOLANUM spp. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 11, 1947.

161347. *SOLANUM STOLONIFERUM* Schlecht.

No. 14280. Lake Zempoala, State of México. On cliff in pine-balsam forest.

161348. *SOLANUM TUBEROSUM* L. **Potato.**

No. 14284. In the market, Santa Ana, Veracruz.

161349. *SOLANUM* spp.

No. 14285. Near Esperanza, Puebla. Mixture.

161350. *SOLANUM TUBEROSUM* L. **Potato.**

No. 14286. Cultivated on upper slopes of Pico de Orizaba, above Teshmalaquilla, Puebla.

161351. *SOLANUM DEMISSUM* Lindl.

No. 14288. Upper slopes of Cerro Santa Catarina, east of Acultzingo, Veracruz.

161352. *SOLANUM TUBEROSUM* L. **Potato.**

No. 14303. Near Los Bigas, Veracruz.

161353. *SOLANUM* spp.

No. 14304. Mountains above Colonia Manuel Avila Camacho, State of México. Mixture.

161354 to 161363.

From New Zealand. Seeds presented by the Department of Scientific and Agricultural Research, Wellington. Received Dec. 1, 1947.

161354 to 161356. *AGROPYRON SCABRUM* (Labill.) Beauv. Poaceae.

161354. Mixed inland forms.

161355. Coastal sand dunes.

161356. Mixed tall and prostrate forms.

161357. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

161358. *LOLIUM MULTIFLORUM* Lam. Poaceae. **Italian ryegrass.**

161359. *LOLIUM MULTIFLORUM* × *PERENNE*.

161360. *LOLIUM PERENNE* L. **Perennial ryegrass.**

161361. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**

161362. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

Montgomery Red.

161363. *TRIFOLIUM REPENS* L. **White clover.**

161364 to 161368. SOLANUM spp. Solanaceae.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 11, 1947.

161364. SOLANUM STOLONIFERUM Schlecht.

No. 14270. Near El Guarda, Distrito Federal.

161365 to 161367. SOLANUM DEMISSUM Lindl.

161365. No. 14274. Near El Guarda, Distrito Federal.

161366. No. 14273. In the mountains above Tres Cumbres, Morelos.

161367. No. 14286. Cultivated on upper slope of Pico de Orizaba, above Tescmalaquilla, Puebla.

161368. SOLANUM sp.

(No data.)

161369 to 161398.

From Korea. Seeds presented by E. M. Meader, Central Experiment Station, USAMGIK, Seoul. Received Dec. 12, 1947.

161369 to 161372. ALLIUM spp. Liliaceae.

161369. ALLIUM CEPA L.

Onion.

Senshu. Agricultural Experiment Station, Chinyu.

161370 to 161372. ALLIUM PORRUM L.

Leek.

161370. *Papu.* South Cholla.

161371. *Senyu.* Agricultural Experiment Station, Chinyu.

161372. *Sunamura.* Agricultural Experiment Station, Chinyu.

161373. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

Bah Shim Ma Kowha.

161374 and 161375. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

161374. *Songwhan.* Agricultural Experiment Station, Chinyu.

161375. *Songwhan Charmi.*

161376. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.

Cushaw.

Tsurukubi (Heron's neck.) Agricultural Experiment Station, Chinyu.

161377. LACTUCA SATIVA L. Asteraceae.

Lettuce.

Korean Native Red. Agricultural Experiment Station, Chinyu.

161378. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

Izumi. Agricultural Experiment Station, Chinyu.

161379 to 161384. RAPHANUS SATIVUS L. Brassicaceae.

Radish.

From the Agricultural Experiment Station, Chinyu.

161379. *Chinyu.*

161382. *Shogoin.*

161380. *Miyashige.*

161383. *Tokinashi.*

161381. *Nerima.*

161384. *Korean.*

161385. SESAMUM INDICUM L. Pedaliaceae.

Sesame.

Kyorgii Do.

161386 to 161398. SOLANUM MELONGENA L. Solanaceae.

Eggplant.

161386. *Chinari.* Agricultural Experiment Station, Sosa.

161387. *Chinyu.* Fruit elongate. Agricultural Experiment Station, Chinyu.

161369 to 161398—Continued**161386 to 161398—Continued**

161388. *Chusei Yama*. Agricultural Experiment Station, Sosa.

161389. *Kitta*. Agricultural Experiment Station, Chinyu.

161390. *Kitta*. Agricultural Experiment Station, Sosa.

161391. *Nagasaki*. Fruit elongate. Agricultural Experiment Station, Chinyu.

161392. *Nakade*. Fruit medium elongate. Agricultural Experiment Station, Chinyu.

161393. *Nakadeyama*. Agricultural Experiment Station, Chinyu.

161394. *Oka* No. 11. Agricultural Experiment Station, Sosa.

161395. *Sadohara*. Agricultural Experiment Station, Sosa.

161396. *Sadohara*. Agricultural Experiment Station, Chinyu.

161397. *Sinkuro*. Agricultural Experiment Station, Sosa.

161398. *Sinkuro*. Fruit black. Agricultural Experiment Station, Chinyu.

161399. SOLANUM DEMISSUM × TUBEROSUM. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 12, 1947.

No. 14287. *Papa Cimarrona*. Upper slopes of Pico de Orizaba, above Tasma-laquilla, Puebla.

161400. MAGNOLIA MOLLICOMATA W. W. Smith. Magnoliaceae.

From Wales. Seeds presented by Lord Aberconway, Tal-Y-Cafn. Received Dec. 15, 1947.

161401 and 161402.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 16, 1947.

161401. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

No. 14277. Near El Guarda, Distrito Federal.

161402. (Undetermined.)

No. 14289. In the market, Veracruz, Veracruz.

161403. RUBUS sp. Rosaceae.

From Kenya. Plants purchased from H. Grahame Bell, Closeburn Nurseries, Nairobi. Received Dec. 17, 1947.

Received as *Rubus albens*, an apparently unpublished name.

161404 to 161406. ASTREBLA spp. Poaceae. Mitchell grass.

From Tasmania. Seeds presented by W. L. Goodman, Meangalore. Received Dec. 10, 1947.

161404. *ASTREBLA ELYMOIDES* F. M. Bailey & F. Muell.

Weeping Mitchell Grass.

161405. *ASTREBLA LAPPACEA* (Lindl.) Domin.

Curley Mitchell Grass.

161406. *ASTREBLA PECTINATA* (Lindl.) F. Muell.

Barley Mitchell Grass.

161407 and 161408. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From the Netherlands. Scions presented by the Institute for Horticultural Plant Breeding, Wageningen. Received Dec. 17, 1947.

161407. *Lemoen*.

161408. *Notaris*.

161409 to 161412. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Argentina. Seeds presented by D. J. Echeverrez Harriet, Buenos Aires. Received Dec. 18, 1947.

161409. *Cometa*.

161411. *K. 32*. High yielding.

161410. *K. Orbullo*.

161412. *K. 33*.

161413 to 161415.

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Dec. 8, 1947.

Collected at the Botanical Institute "Darwinion," San Isidro.

161413. *DAUBENTONIA PUNICEA* (Cav.) DC. Fabaceae.

No. 4.

161414. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat. Fabaceae.

No. 5-A.

161415. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

No. 7. Originally collected in Uruguay.

161416 to 161418.

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 8, 1947.

161416. *VICIA* sp. Fabaceae.

No. 2. Twenty kilos from Buenos Aires.

161417. *VICIA ATROPURPUREA* Desf.

Vetch.

No. 3. Twenty kilos from Buenos Aires.

161418. *ZEA MAYS* L. Poaceae.

Corn.

No. 1. Collected by the Agricultural Attaché in Misiones.

161419 to 161422.

From Liberia. Seeds collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Dec. 10, 1947.

Coffee.

161419. *COFFEA* sp. Rubiaceae.

Collected between Tui and Beiden, Western Province.

161420. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

Originally from Macenta, French Guinea.

161421. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

Originally from Nzérékoré, French Guinea.

161422. *RUBUS* sp. Rosaceae.

Vonjama, Western Province, Liberia. Fruit orange-red, edible.

161423 to 161429.

From Korea. Seeds presented by E. M. Meader, Central Experiment Station, USAMGIK, Seoul. Received Dec. 12, 1947.

161423 to 161426. BRASSICA PEKINENSIS (Lour.) Rupr. Brassicaceae. **Petsai.**

161423. *Hankekkyu.*

161424. *Kyoto No. 3.*

161425. From Sosa Agricultural Experiment Station.

161426. *Chifu.*

161427 to 161429. From the Chinyu Agricultural Experiment Station.

161427. BRASSICA sp.

Chifu.

161428. BRASSICA sp.

Potoryn.

161429. BRASSICA sp.

Yochana.

161430. ARACHIS HYPOGAEA L. Fabaceae. **Common peanut.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos Aires. Received Dec. 22, 1947.

Macrocarpa.

161431. GLYCINE MAX (L.) Merr. Fabaceae. **Soybean.**

From Sweden. Seeds presented by Homberg and Sons, Norrköping. Received Dec. 22, 1947.

Fiskeby. No. 14-4-3.

161432 to 161480.

From the Union of South Africa. Seeds presented by the Reitondale Grass Experiment Station, Pretoria, Transvaal. Received Dec. 8, 1947.

161432. BRACHIARIA sp. Poaceae.

Vanduzi River.

161433. CYNODON sp. Poaceae.

Kivi River.

161434 to 161446. DIGITARIA spp. Poaceae.

161434. DIGITARIA sp.

Fort Hills.

161435. DIGITARIA sp.

Goha Hills No. 1.

161436. DIGITARIA sp.

Goha Hills No. 21.

161437. DIGITARIA sp.

Kericho.

161438. DIGITARIA sp.

Kitale.

161439. DIGITARIA sp.

Marsabit.

161440. DIGITARIA VALIDA Stent.

Rust der Winter.

161441. DIGITARIA sp.

Swazilandensis.

161442. DIGITARIA sp.

Thompson Falls.

161443. DIGITARIA sp.

Vanduzi.

161444. DIGITARIA sp.

Woodyfinger.

161445. DIGITARIA sp.

White River.

161446. DIGITARIA sp.

Zomba Plateau.

161432 to 161480—Continued

161447 to 161450. ECHINOCHLOA spp. Poaceae.

161447. ECHINOCHLOA sp.

Dongola.

161448. ECHINOCHLOA sp.

Jinga.

161449. ECHINOCHLOA sp.

Lake Shirwa.

161450. ECHINOCHLOA sp.

Mount Moroto.

161451 to 161465. PANICUM spp. Poaceae.

161451. PANICUM COLORATUM L.

161452. PANICUM DEUSTUM Thunb.

161453. PANICUM sp.

Isiolo.

161454. PANICUM sp.

Kampala.

161455. PANICUM sp.

Kampala.

161456. PANICUM sp.

Kavorondo Gulf.

161457. PANICUM sp.

Lake Harrington.

161458. PANICUM sp.

Annual.

161459. PANICUM sp.

Lake Shirwa.

161460. PANICUM sp.

Marsabit.

161461. PANICUM sp.

Mount Moroto.

161462. PANICUM sp.

Ruenya.

161463. PANICUM PHRAGMITOIDES

Stapf.

161464. PANICUM sp.

Rustenburg.

161465. PANICUM sp.

Zambesi.

161466 to 161468. PASPALUM spp. Poaceae.

161466. PASPALUM sp.

Kakamega.

161467. PASPALUM sp.

N'Gamiland.

161468. PASPALUM sp.

Ruenya.

161469 to 161472. PENNISETUM spp. Poaceae.

161469. PENNISETUM sp.

Benagi.

161470. PENNISETUM sp.

Equator.

161471. PENNISETUM sp.

Loliondo.

161472. PENNISETUM sp.

Serengeti.

161473 to 161476. SETARIA spp. Poaceae.

161473. SETARIA AUREA Hochst.

161474. SETARIA sp.

161475. SETARIA sp.

Hammans Kraal.

161476. SETARIA sp.

Sharangani.

161477 to 161479. SPOROBOLUS spp. Poaceae.

161477. SPOROBOLUS sp.

N'Gamiland.

161478. SPOROBOLUS sp.

161479. SPOROBOLUS sp.

161480. UROCHLOA sp. Poaceae.

Lodwar.

161481 and 161482. GOSSYPIUM. Malvaceae. Cotton.

From French Equatorial Africa. Seeds obtained through the Division of Cotton and Other Fiber Plants, Bureau of Plant Industry, Soils, Agricultural Engineering, Beltsville, Md. Received Mar. 5, 1947.

161481. 15-E-1.

161482. B-59-E-1.

161483 to 161487. RHODODENDRON spp. Ericaceae.

From China. Seeds presented by Andrew Tse, the Clover Commercial Co., Hong Kong. Received Dec. 12, 1947.

161483. RHODODENDRON SIMSII Planch.

From Dr. A. Tse's Nursery.

161484. RHODODENDRON CHARTOPHYLLUM Franch.

Collected near Likiang.

161485. RHODODENDRON CUNEATUM W. W. Smith.

Flowers blue.

161486. RHODODENDRON VERNICOSUM Hook. f.

Flowers large, fragrant, rose-pink.

161487. RHODODENDRON VERNICOSUM Hook. f.

161488 to 161553.

From Turkey. Seeds collected by P. H. Davis, Royal Botanic Garden, Edinburgh, Scotland. Received Dec. 2, 1947.

From Anatolia.

161488. ABIES BORNMUELLERIANA Mattf. Pinaceae.

161489 to 161493. ACANTHOLIMON spp. Plumbaginaceae.

161489. ACANTHOLIMON ECHINUS

Bunge.

161492. ACANTHOLIMON sp.

No. 14097.

161490. ACANTHOLIMON sp.

No. 13669.

161493. ACANTHOLIMON sp.

No. 14326.

161491. ACANTHOLIMON sp.

No. 13671.

161494. PRUNUS ARGENTEA (Lam.) Rehder. Rosaceae.

161495. ANCHUSA OCHROLEUCA Bieb. Boraginaceae.

161496 and 161497. ANTHEMIS spp. Asteraceae.

161496. ANTHEMIS sp.

No. 14806.

161497. ANTHEMIS sp.

No. 14848.

161498. ARUM sp. Araceae.

Haydar Dagh.

161499 to 161502. ASYNEUMA spp. Campanulaceae.

161499. ASYNEUMA sp.

No. 14029.

161501. ASYNEUMA sp.

No. 14192.

161500. ASYNEUMA sp.

No. 14149.

161502. ASYNEUMA sp.

No. 14563.

161503. ATRAPHAXIS BILLARDIERI Jaub. & Spach. Polygonaceae.

161488 to 161553—Continued

- 161504 to 161506. *CAMPANULA* spp. Campanulaceae.
 161504. *CAMPANULA CYMBALARIA* Sibth. & Sm.
 161505. *CAMPANULA* sp.
 161506. *CAMPANULA* sp.
 161507. *CELSIA PYROLIFORMIS* Boiss. & Heldr. Scrophulariaceae.
 161508. *CHRYSANTHEMUM* sp. Asteraceae.
 No. 13788.
 161509. *CISTUS LAURIFOLIUS* L. Cistaceae.
 161510 and 161511. *COTYLEDON* spp. Crassulaceae.
 161510. *COTYLEDON* sp.
 No. 13703.
 161511. *COTYLEDON* sp.
 161512. *CRAMBE ORIENTALIS* L. Brassicaceae.
 161513. (Undetermined.)
 No. 14123.
 161514. *CYTISUS HIRSUTUS* L. Fabaceae.
 161515. *DAPHNE OLEOIDES* Schreb. Thymelaeaceae. Olive daphne.
 161516 and 161517. *DIANTHUS* spp. Caryophyllaceae.
 161516. *DIANTHUS ACTINOPETALUS* Fenzl.
 No. 16215.
 161517. *DIANTHUS* sp.
 No. 13731.
 161518 to 161521. *DIGITALIS* spp. Scrophulariaceae.
 161518. *DIGITALIS* sp. 161520. *DIGITALIS FERRUGINEA* L.
 No. 14401. 161521. *DIGITALIS* sp.
 161519. *DIGITALIS* sp. No. 13691.
 No. 14646.
 161522. *EBENUS BOURGAEI* Boiss. Fabaceae.
 161523. *EUONYMUS LATIFOLIUS* Mill. Celastraceae.
 161524. *EUPHORBIA* sp. Euphorbiaceae.
 No. 14309.
 161525. *GLAUCIUM* sp. Papaveraceae.
 No. 13207.
 161526. *GLOBULARIA TRICHOSANTHA* Fisch. & Mey. Globulariaceae.
 161527. *HELICHRYSUM Plicatum* DC. Asteraceae.
 161528. *HIERACIUM* sp. Asteraceae. Hawkweed.
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 161529. *HYPERICUM CONFERTUM* Choisy. Hypericaceae.
 161530. *IRIS* sp. Iridaceae.
 No. 13573.
 161531. *JUNIPERUS COMMUNIS* var. *SAXATILIS* Pall. Pinaceae.
 161532. *LINUM OLYMPICUM* Boiss. Linaceae.
 161533. *MICHAUXIA CAMPANULOIDES* Ait. Campanulaceae.

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161534. *MOLTZIA AUREA* Boiss. Boraginaceae.

161535. *ONOSMA* sp. Boraginaceae.

161536. *PAEONIA* sp. Ranunculaceae.

No. 14287.

161537 and 161538. *PAPAVER* spp. Papaveraceae.

161537. *PAPAVER* sp.

No. 13800.

161538. *PAPAVER* sp.

No. 14191.

161539 and 161540. *PHLOMIS* spp. Menthaceae.

161539. *PHLOMIS RIGIDA* Billard.

No. 14302.

161540. *PHLOMIS* sp.

No. 13693.

161541. *PTEROCEPHALUS PINARDI* Boiss. Dipsacaceae.

161542. *ROSA GLUTINOSA* Sibth. & Sm. Rosaceae.

No. 13652.

161543. *SIDERITIS* sp. Menthaceae.

No. 14330.

161544. *SILENE FALCATA* Sibth. & Sm. Caryophyllaceae.

161545. *SILENE* sp.

No. 14511.

161546. *SAPONARIA PULVINARIS* Boiss. Caryophyllaceae.

161547. *SEDUM SEMPERVIVOIDES* Bieb. Crassulaceae.

161548. *STYRAX OFFICINALIS* L. Styracaceae.

161549 and 161550. *TEUCRIUM* spp. Menthaceae.

161549. *TEUCRIUM* sp.

No. 13559.

161550. *TEUCRIUM* sp.

No. 14052.

161551. *THYMUS CILICICUS* Boiss. & Bal. Menthaceae.

161552. *VERBASCUM OLYMPICUM* Boiss. Scrophulariaceae. **Olympic mullein.**

161553. *VICIA* sp. Fabaceae.

No. 14515.

161554 and 161555.

From Rhodesia. Seeds presented by an unknown donor, Southern Rhodesia.
Received Dec. 17, 1947.

161554. *BERSAMA ENGLERIANA* Gürke. Bersamaceae.

161555. *SCLEROCARYA CAFFRA* Sond. Anacardiaceae.

161556 to 161561.

From Trinidad. Seeds collected by Tom Phalin, United States Army. Received Dec. 9, 1947.

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|---|--------------|------------|
| 161556. ABELMOSCHUS MANIHOT (L.) Medic. | Malvaceae. | Wild okra. |
| 161557. AESCHYNOMENE sp. | Fabaceae. | |
| 161558. INDIGOFERA sp. | Fabaceae. | |
| 161559. JUSSIAEA sp. | Onagraceae. | |
| 161560. PHASEOLUS LATHYROIDES L. | Fabaceae. | |
| 161561. SESAMUM RADIATUM Schum. | Pedaliaceae. | |

161562 to 161578.

From Venezuela. Seeds presented by the Ministerio de Agricultura, Maracay. Received Dec. 26, 1947.

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|---|------------------------------|-------|
| 161562 to 161571. ORYZA SATIVA L. | Poaceae. | Rice. |
| 161562. Arroz Cebada; Criollo Del-
ta Amacuro. | 161567. Criollo Chinacoa 2. | |
| 161563. Criollo. | 161568. Criollo La Fria. | |
| 161564. Criollo Apure. | 161569. Criollo La Victoria. | |
| 161565. Criollo Chirgua 2. | 161570. Morotuto. | |
| 161566. Criollo Chirgua 3. | 161571. Precoz de Machiques. | |
| 161572 to 161578. ZEA MAYS L. | Poaceae. | Corn. |
| 161572. Amarillo. | 161576. Diente de Caballo. | |
| 161573. Blanco. | 161577. Harinoso. | |
| 161574. Chiquito Amarillo. | 161578. Huevito. | |
| 161575. Chiquito Blanco. | | |

161579 to 161588. SORGHUM spp. Poaceae.

From Liberia. Seeds presented by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Dec. 15, 1947.

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| 161579. SORGHUM sp. | |
| N'zérékoré, French Guinea. | |
| 161580 to 161588. From the Western Province. | |
| 161580. SORGHUM sp. | 161585. SORGHUM sp. |
| Fissibu. | Beiden. |
| 161581. SORGHUM sp. | 161586. SORGHUM VULGARE Pers. |
| Javajai. | Suehn. |
| 161582. SORGHUM sp. | 161587. SORGHUM sp. |
| Suehn. | Suehn. |
| 161583. SORGHUM sp. | 161588. SORGHUM sp. |
| Jui. | Boporo. |
| 161584. SORGHUM sp. | |
| Jui. | |

161589. LACTUCA PLUMIERI (L.) Gren. & Godr. Asteraceae.

From Sweden. Seeds presented by the Botanic Garden, Stockholm. Received Dec. 18, 1947.

161590 to 161593.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, Agricultural Engineering, Beltsville, Md. Received Dec. 16, 1947.

161590 to 161592. *IPOMOEA* spp. Convolvulaceae.

161590. *IPOMOEA* sp.

No. 14290. *Camote Comanon*. Swamp near Veracruz.

161591. *IPOMOEA* sp.

No. 14291.

161592. *IPOMOEA* sp.

No. 14291.

161593. *MALVA PARVIFLORA* L. Malvaceae.

No. 14269. General Gonzales Station, México State.

161594. *ARACHIS HYPOGAEA* L. Fabaceae. **Common peanut.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos Aires. Received Dec. 30, 1947.

161595 to 161599. *VITIS VINIFERA* L. Vitaceae. **European grape.**

From India. Cuttings presented by the Department of Agriculture, Poona, Bombay Province. Received Dec. 30, 1947.

161595. *Bhokri*.

161598. *Phakdi*.

161596. *Kaki Sahebi*.

161599. *Selection 94*.

161597. *Pandhari Sahebi*.

161600. *ACROCERAS MACRUM* Stapf. Poaceae.

From the Union of South Africa. Plants presented by the Agricultural Attaché, American Legation, Pretoria, Transvaal. Received Dec. 31, 1947.

161601 and 161602. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Dec. 31, 1947.

161601. *Manhardy*.

161602. *Ottawa*.

161603 to 161666.

From the Union of South Africa. Seeds presented by the Reitondale Grass Experiment Station, Pretoria, Transvaal. Received Dec. 9, 1947.

161603 to 161609. *DIGITARIA* spp. Poaceae.

Finger grass.

161603. *DIGITARIA* sp.

161607. *DIGITARIA* sp.

No. 4.

No. 41.

161604. *DIGITARIA* sp.

161608. *DIGITARIA* sp.

No. 10.

No. 46.

161605. *DIGITARIA* sp.

161609. *DIGITARIA* sp.

No. 14.

No. 49.

161606. *DIGITARIA* sp.

No. 18.

161610 to 161616. *PANICUM COLORATUM* L. Poaceae.

Kabulabula.

161610. No. 6.

161614. No. 31.

161611. No. 16.

161615. No. 35.

161612. No. 27.

161616. No. 42.

161613. No. 28.

161603 to 161666—Continued

- 161617 to 161623. *PANICUM MAXIMUM* Jacq. Guinea grass.
Nanyuki.
 161617. No. 15. 161621. No. 51.
 161618. No. 17. 161622. No. 52.
 161619. No. 32. 161623. No. 55.
 161620. No. 34.
- 161624 to 161630. *PANICUM MAXIMUM* Jacq. Guinea grass.
Rhodesia.
 161624. No. 3. 161628. No. 40.
 161625. No. 9. 161629. No. 43.
 161626. No. 36. 161630. No. 53.
 161627. No. 39.
- 161631 to 161637. *PENNISETUM* spp. Poaceae.
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 161632. *PENNISETUM* sp. 161636. *PENNISETUM* sp.
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 161633. *PENNISETUM* sp. 161637. *PENNISETUM* sp.
 No. 30. No. 59.
 161634. *PENNISETUM* sp.
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 161638 to 161643. *Bua River.*
 161638. *SETARIA* sp. 161641. *SETARIA* sp.
 No. 7. No. 60.
 161639. *SETARIA* sp. 161642. *SETARIA* sp.
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 161640. *SETARIA* sp. 161643. *SETARIA* sp.
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 161644. *SETARIA* sp. 161647. *SETARIA* sp.
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 161645. *SETARIA* sp. 161648. *SETARIA* sp.
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 161646. *SETARIA* sp.
 No. 19.
161649. *SETARIA* sp.
 No. 22. *Bua River.*
161650. *SETARIA* sp.
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161651. *SETARIA* sp.
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161652. *SETARIA* sp.
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No. 5.

No. 50.

161660. *UROCHLOA* sp.**161664.** *UROCHLOA* sp.

No. 25.

No. 58.

161661. *UROCHLOA* sp.**161665.** *UROCHLOA* sp.

No. 33.

No. 61.

161662. *UROCHLOA* sp.**161666.** *UROCHLOA* sp.

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 Yam, winged. See *Dioscorea alata*.
 Yerba maté. See *Ilex paraguariensis*.

Zea mays, 157200, 157494-157499, 157836-157846, 157863-157874, 158195, 158249-158362, 158617, 158747-158750, 158832, 159055-159088, 159324-159343, 159459-159508, 159515, 159688, 159846, 159910, 159954-159961, 159985, 159995-159998, 161418, 161572-161578.
Zingiber officinale, 159427.
Ziziphus jujuba, 158429.

Plant Inventory No. 156

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1955



PLANT MATERIAL INTRODUCED BY THE SECTION OF PLANT INTRODUCTION, HORTICULTURAL CROPS RESEARCH BRANCH, AGRICULTURAL RESEARCH SERVICE, JANUARY 1 TO DECEMBER 31, 1948 (NOS. 161667 TO 172310)

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This inventory, No. 156, lists the plant material (Nos. 161667 to 172310) received by the Section of Plant Introduction during the period from January 1 to December 31, 1948. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Introduction and Introduction, Bureau of Plant Industry, Soils and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*



INVENTORY

161667 to 161676.

From China. Seeds presented by Silvio Ronzone, Shaoyang, Hunan Province.
Received Jan. 13, 1948.

- 161667. *AGROPYRON* sp. Poaceae.
- 161668. *AGROSTIS* sp. Poaceae.
- 161669. *ANDROPOGON* sp. Poaceae.
- 161670. *AVENA FATUA* L. Poaceae. Wild oats.
- 161671. *CYNODON* sp. Poaceae.
- 161672. *CYPERUS* sp. Cyperaceae.
- 161673. *DIGITARIA* sp. Poaceae.
- 161674. *IMPERATA CYLINDRICA* (L.) Beauv. Poaceae.
- 161675. *PASPALUM* sp. Poaceae.
- 161676. *SPOROBOLUS* sp. Poaceae.

161677 to 161686. *SOLANUM* spp. Solanaceae.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.
Received Jan. 13, 1948.

161677 to 161681. *SOLANUM TUBEROSUM* L. Potato.

- 161677. No. 14417. *Papa Hollandese*. Cultivated, San Mateo, Hidalgo. Plants robust. Dec. 31, 1947.
- 161678. No. 14421. *Papa Leona*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with yellowish-pink skin. Jan. 2, 1948.
- 161679. No. 14422. *Papa Blanca*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with white skin and flesh. Jan. 2, 1948.
- 161680. No. 14423. *Papa Chata*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with pinkish-red skin. Jan. 2, 1948.
- 161681. No. 14424. *Papa Amarilla Criolla*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with reddish-purple skin. Jan. 2, 1948.

161682. *SOLANUM DEMISSUM* Lindl.

No. 14432. In a thicket of open pine forest, Selva Obscura, Puebla. Tubers small, white or purple-tinged. Jan. 6, 1948.

161683. *SOLANUM TUBEROSUM* L. Potato.

No. 14434. On slope of Mount Cuyuaguen, above San Agustín Tlaxiaca, Tlaxcala. Jan. 7, 1948.

161684. *SOLANUM DEMISSUM* Lindl.

No. 14435. On edge of pine-fir forest on Mount Cuyuaguen, above San Agustín Tlaxiaca, Tlaxcala. Fruits rather large; tubers well-formed, white or purple-tinged. Jan. 7, 1948.

161685. *SOLANUM STOLONIFERUM* Schlecht.

No. 14416. Along trail, near San Mateo, Hidalgo. Plants large; tubers smooth, with pink-purple bluish. Dec. 31, 1947.

161677 to 161686.—Continued

161686. *SOLANUM DEMISSUM* Lindl.

No. 14435. On edge of pine-fir forest on Mount Cuyuaguen, above San Austin Tlaxiaca, Tlaxcala. Fruits rather large; tubers well-formed, white or purple-tinged. Jan. 7, 1948.

161687. RHODODENDRON SIMSII Planch. Ericaceae. **Azalea.**

From China. Seeds presented by Andrew Tse, Clover Commercial Co., Hong Kong. Received Jan. 14, 1948.

161688. METASEQUOIA GLYPTOSTROBOIDES Hu & Chang. Pinaceae.

From China. Seeds presented by W. C. Cheng, National Central University, Ting Chia Chiao, Nanking. Received Jan. 28, 1948.

161689. ARACHIS sp. Fabaceae.

From Uruguay. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 27, 1948.

Mani Sylvestris. Seven km. southeast of Rivera.

161690. BRILLIANTAISIA LAMIUM (Nees) Benth. Acanthaceae.

From Nigeria. Seeds presented by Kenneth H. Prior, Department of Rural Activities, Asaba. Received Jan. 27, 1948.

161691 to 161719.

From Mexico. Collected by D. S. Correll, Agricultural Explorer, Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 9, 1948.

161691 and 161692. PHYSALIS IXOCARPA Brot. Solanaceae. **Tomatillo.**

161691. No. 14430. Seeds. Purchased in market, Mexico City. Jan. 9, 1948.

161692. No. 14431. Seeds. Purchased in market, Mexico City. Jan. 5, 1948.

161693 to 161719. SOLANUM spp. Solanaceae.

161693. *SOLANUM DEMISSUM* Lindl.

No. 14319. Seeds. Cultivated fields near Las Cruces. Dec. 11, 1947.

161694. *SOLANUM* sp.

No. 14337. Seeds. Pine forest on mountains near San Lorenzo, Michoacán. Dec. 15, 1948.

161695 to 161719. Tubers.

161695. *SOLANUM TUBEROSUM* L.

Potato.

No. 14414. Cultivated at El Susto, Hidalgo. Dec. 30, 1947.

161696. *SOLANUM TUBEROSUM* L.

Potato.

No. 14415. In field, El Susto, Hidalgo. Dec. 30, 1947.

161697. SOLANUM STOLONIFERUM Schlecht.

No. 14416. Along trail, near San Mateo, Hidalgo. Plants large; tubers smooth, with pink-purplish blush. Dec. 31, 1948.

161698 and 161699. SOLANUM TUBEROSUM L.

Potato.

161698. No. 14418. Cultivated, San Mateo, Hidalgo. Dec. 31, 1947.

Plants robust; tubers white, smooth, and very well formed.

161699. No. 14425. Edge of fir forest near Rancho del Alverjon, Veracruz. Jan. 2, 1948.

161700. SOLANUM STOLONIFERUM Schlecht.

No. 14318. In mountains near Zoquiatic. Tubers white, well-formed. Dec. 10, 1947.

161691 to 161719.—Continued**161693 to 161719.—Continued****161695 to 161719.—Continued****161701 to 161703. SOLANUM DEMISSUM Lindl.**

161701. No. 14319. Cultivated fields near Las Cruces. Dec. 11, 1947.

161702. No. 14321. Sandy cornfield, Rio Ondito, México State. Dec. 11, 1947. Plants large; tubers deep purplish-red.

161703. No. 14322. Edge of field, Macho de Agua, Michoacán. Tubers purple. Dec. 11, 1947.

161704. SOLANUM BULBOCASTANUM Dun.

No. 14334. Fields near Rio Bello, Michoacán. Tubers white. Dec. 13, 1947.

161705. SOLANUM VERRUCOSUM Schlecht.

No. 14337. Pine forest on mountains near San Lorenzo, Michoacán. Dec. 15, 1948.

161706. SOLANUM TUBEROSUM L.**Potato.**

No. 14338. Purchased in market, Urupan, Michoacán. Cultivated, Pátzcuaro, Michoacán. Dec. 15, 1947.

161707. SOLANUM BRACHYCARPUM Correll.

No. 14339. Mountains near Capacuaro, Michoacán. Dec. 16, 1947.

161708. SOLANUM TUBEROSUM L.**Potato.**

No. 14341. Cultivated at El Isote, upper slopes of Volcan de Nevada, Jalisco. Tubers white with reddish-purple eyes. Dec. 18, 1947.

161709 and 161710. SOLANUM POLYADENIUM Greenm.**Nightshade.**

161709. No. 14371. Timber line on Volcan de Nevada, Jalisco. Fruits green with faint speckles and deeper green stripes, shiny, smooth; tubers white, usually elongate. Dec. 21, 1947.

161710. No. 14374. Old lava flow, near Matujeo, Michoacán. Tubers white or with reddish-purple tinge; fruits green with prominent deep-green stripes. Dec. 13, 1947.

161711 and 161712. SOLANUM BULBOCASTANUM Dun.

161711. No. 14375. Edge of cultivated fields, near Rio Bello, Michoacán. Tubers white, roundish. Dec. 23, 1947.

161712. No. 143376. Fields on Mount Punguato, near Morelia, Michoacán. Tubers white, asymmetrical. Dec. 23, 1947.

161713. SOLANUM VERRUCOSUM Schlecht.

No. 14377. Edge of forest near Las Peras, Michoacán. Tubers purplish. Dec. 24, 1947.

161714. SOLANUM DEMISSUM Lindl.

No. 14378. Pine-fir forest near San José de las Cumbres, Michoacán. Fruits pale green. Dec. 24, 1947.

161715. SOLANUM BULBOCASTANUM Dun.

No. 14380. Cultivated in mountains south of Cruce de Caminos, Michoacán. Dec. 24, 1947.

161716. SOLANUM TUBEROSUM L.**Potato.**

No. 14380. Pine-fir forest, in mountains above Macho de Agua, Michoacán. Dec. 24, 1947.

161717 and 161718. SOLANUM VERRUCOSUM Schlecht.

161717. No. 14381. Pine-fir forest, in mountains above Macho de Agua, Michoacán. Dec. 24, 1947.

161718. No. 1411. In fields, on mountains above Tres Cumbres, Morelos. Dec. 28, 1947.

161691 to 161719.—Continued

161693 to 161719.—Continued

161695 to 161719.—Continued

161719. *SOLANUM DEMISSUM* Lindl.

No. 14413. Near Las Cruces. Tubers white or purple-tinged. Dec. 28, 1947.

161720 and 161721. OLEA EUROPAEA L. Oleaceae.**Olive.****From Chile.** Cuttings presented by the Ministry of Agriculture, Santiago. Received Jan. 8, 1948.161720. *Empeltre*.161721. *Liguria*.**161722. CITRUS. Rutaceae.****From Maryland.** Seed collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 9, 1948.*Sour Chinese* × *Hard Shell Orange*.**161723. ONOBRYCHIS VICIAEFOLIA SCOP. Fabaceae.****Sainfoin.****From Spain.** Seed presented by Antonio Bermejo Z., Diputacion Provincial, Valladolid. Received Jan. 12, 1948.**161724 to 161732. SOLANUM spp. Solanaceae.****From Mexico.** Collected by D. S. Correll, Agricultural Explorer, Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 2, 1948.161724. *SOLANUM TUBEROSUM* L.**Potato.**

No. 14320. Cultivated near Las Cruces. Dec. 11, 1947. (Seeds.)

161725. *SOLANUM DEMISSUM* Lindl.

No. 14328. Edge of juniper-fir-pine forest in rich soil, San José de las Cumbres, Michoacán. Dec. 12, 1947. (Tubers.)

161726 and 161727. *SOLANUM VERRUCOSUM* var. *SPECTABILE* Correll.

161726. No. 14340. Edge of fir-pine forest, upper slopes of Volcan de Nevada, near El Isote, Jalisco. Dec. 18, 1947. (Tubers.)

161727. No. 14342. In thicket on edge of field, near Sayula, slopes of Volcan de Nevada, Jalisco. Plants large; tubers white or tinged with purple. Dec. 18, 1947. (Tubers.)

161728. *SOLANUM POLYADENIUM* Greenm.**Nightshade.**

No. 14374. Old lava flow, near Matujeo, Michoacán. Tubers white or with reddish-purple tinge; fruits green with prominent deep-green stripes. Dec. 13, 1947. (Seeds.)

161729. *SOLANUM DEMISSUM* Lindl.

No. 14378. Pine-fir forest near San José de las Cumbres, Michoacán. Fruits pale-green. Dec. 24, 1947. (Tubers.)

161730. *SOLANUM GUERREROENSE* Correll.

No. 14410. Pine-oak forest on summit of mountains north of Chilpancingo, Guerrero. Fruits ellipsoid-oid, deep-green, and shiny, up to 3 cm. long. Dec. 27, 1947. (Seeds.)

161731 and 161732. *SOLANUM DEMISSUM* Lindl.

161731. No. 14411. In fields, on mountains above Tres Cumbres, Morelos. Dec. 28, 1947. (Tubers.)

161732. No. 14412. Fir-pine forest near Las Cruces. Tubers small, white; fruits green, ovoid. Dec. 28, 1947. (Tubers.)

161733 and 161734. ARUNDINARIA AMABILIS McClure. Poaceae.
Bamboo.

From Louisiana. Seedlings presented by E. A. McIlhenny, Avery Island. Received Jan. 30, 1948. Seedlings selected from P. I. 110509.

161733. No. 1.

161734. No. 2.

161735. TEPHROSIA VOGELII Hook. f. Fabaceae.

From Liberia. Seeds collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Jan. 5, 1948.

161736 to 161747.

From Mexico. Tubers collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 5, 1948.

161736. *IPOMOEA* sp. Convolvulaceae. **Morning-glory.**

No. 14334. In thin soil on cliff, near Las Minas, Michoacán. Dec. 12, 1947.

161737 to 161747. *SOLANUM* spp. Solanaceae.

161737. *SOLANUM TUBEROSUM* L. **Potato.**

No. 14320. Cultivated near Las Cruces. Dec. 11, 1947.

161738. *SOLANUM STOLONIFERUM* Schlecht.

No. 14328. Edge of juniper-fir-pine forest in rich soil, San José de las Cumbres, Michoacán. Dec. 12, 1947.

161739. *SOLANUM TUBEROSUM* L. **Potato.**

No. 14335. Mount Punguato, near Morelia, Michoacán. Dec. 13, 1947.

161740 and 161741. *SOLANUM VERRUCOSUM* var. *SPECTABILE* Correll.

161740. No. 14340. In thicket on edge of field, near Sayula, slopes of Volcan de Nevada, Jalisco. Plants large; tubers white or tinged with purple. Dec. 18, 1947.

161741. No. 14342. In thicket on edge of field, near Sayula, slopes of Volcan de Nevada, Jalisco. Plants large; tubers white or tinged with purple. Dec. 18, 1947.

161742 to 161744. *SOLANUM TUBEROSUM* L. **Potato.**

161742. No. 14343. Market, Guzmán, Jalisco. Dec. 18, 1947.

161743. No. 14344. Market, Guzmán, Jalisco. Dec. 18, 1947.

161744. No. 14345. Market, Colima, Colima. Dec. 20, 1947.

161745. *SOLANUM BRACHYCARPUM* Correll.

No. 14408. Mazatlan, near Los Tojocodes, Guerrero. Plants large. Dec. 27, 1947.

161746. *SOLANUM GUERREROENSE* Correll.

No. 14410. Pine-oak forest on summit of mountains north of Chilpancingo, Guerrero. Fruits ellipsoid-ovoid, deep-green, and shiny, up to 3 cm. long. Dec. 27, 1947.

161747. *SOLANUM DEMISSUM* Lindl.

No. 14412. Fir-pine forest near Las Cruces. Tubers small, white; fruits green, ovoid. Dec. 28, 1947.

161748 to 161756.

From Argentina. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Jan. 6, 1948.

161748 to 161754. *ARACHIS* spp. Fabaceae.

161748. *ARACHIS* sp.

No. 51. San Ignacio, Misiones. Plants said to be sterile although in abundant flower; appears to spread by rhizomelike roots. Dec. 10, 1947.

161749 to 161751. *ARACHIS PROSTRATA* Benth.

161749. No. 52. Posadas, Misiones. Dec. 13, 1947.

161750. No. 53. Santa Ana, about 30 to 40 km. southeast of Posadas, Misiones. Up to 1 foot high with large root system. Dec. 13, 1947.

161751. No. 54. Above San Javier, Misiones. Dec. 14, 1947.

161752. *ARACHIS* sp.

No. 55. Dec. 14, 1947.

161753 and 161754. *ARACHIS MARGINATA* Gardn.

161753. No. 56. 28 km. south of Mercedes, Misiones. Dec. 15, 1947.

161754. No. 57. Concordia, Entre Ríos. Dec. 16, 1947.

161755 and 161756. *PASPALUM* spp. Poaceae.

161755. *PASPALUM DILATATUM* Poir. Dallis grass.

No. 58. San Ignacio, Misiones. Dec. 10, 1947.

161756. *PASPALUM* sp.

No. 59. On grounds of experiment station, 30 km. from Concordia, Entre Ríos. Dec. 15, 1947.

161757 to 161767. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From France. Scions purchased from Pépinières Gaiyard-Rome, Châteauroux, Indre. Received Jan. 8, 1948.

161757. *Bellefleur de Brabant Rouge.* **161763.** *Nanot.*

161758. *Bouteille de Liseux.* **161764.** *Pomme Pierre.*

161759. *Caillouett.* **161765.** *Rambourg Mortier.*

161760. *Doucet Rouge.* **161766.** *Reine Hortense.*

161761. *Grosse Launette.* **161767.** *Royale de Juillet.*

161762. *Jaune du Desert.*

161768 to 161774.

From Mexico. Collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 16, 1948.

161768 to 161770. Seeds.

161768. *PHYSALIS IXOCARPA* Brot. Solanaceae. Tomatillo.

No. 14429. Market, Mexico City. Originally from Querétaro. Jan. 16, 1948.

161769. *SOLANUM DEMISSUM* Lindl. Solanaceae.

No. 14432. In a thicket of open pine forest, Selva Obscura, Puebla. Tubers small, white or purple-tinged. Jan. 6, 1948.

161770. *SOLANUM STOLONIFERUM* Schlecht.

Michoacán. (No data.)

161768 to 161774.—Continued**161771 to 161774. SOLANUM TUBEROSUM L.****Potato.**

Tubers.

161771. No. 14421. *Papa Leona*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with yellowish-pink skin. Jan. 2, 1948.

161772. No. 14422. *Papa Blanca*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with white skin and flesh. Jan. 2, 1948.

161773. No. 14423. *Papa Chata*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with pinkish-red skin. Jan. 2, 1948.

161774. No. 14424. *Papa Amarilla Criolla*. Cultivated, Rancho del Alverjon, upper slopes of Cofre de Perote, Veracruz. Tubers with reddish-purple skin. Jan. 2, 1948.

161775 to 161778.

From Bolivia. Seeds presented by Dr. Martin Cardenas, Cochabamba. Received Jan. 16, 1948.

161775. *BUDDLEIA BRASILIENSIS* Jacq. f. Loganiaceae.
Comarapa.

161776. *BUDDLEIA* sp.
Comarapa.

161777. *HIPPEASTRUM* sp. Amaryllidaceae.
Santa Cruz.

161778. *ZEPHYRANTHES* sp. Amaryllidaceae.
Comarapa.

161779 to 161786.

From Turkey. Seeds presented by Prof. Vamik Taysi, Agricultural Institute, Ankara. Received Jan. 16, 1948.

161779 and 161780. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**
161779. K-No. 1.

161780. K-No. 12-G.

161781 to 161786. *HELIANTHUS ANNUUS* L. Asteraceae. **Common sunflower.**

161781. K-No. 6-a.

161784. K-No. 12-G.

161782. K-No. 9-5.

161785. Large bloom.

161783. K-No. 12-F.

161786. K-9-6.

161787 and 161788. *VOANDZELA SUBTERRANEA* (L.) Thouars. Fabaceae.
Groundnut.

From the French Cameroons. Seeds presented by F. M. Grissett, Presbyterian Mission, Lolodorf. Received Jan. 16, 1948.

161787. No. 1.

161788. No. 2.

161789. *MALUS SYLVESTRIS* Mill. Rosaceae.

Apple.

From Mexico. Plants collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 19, 1948.

No. 14437. *Perones Amarillos*. Sour apple cultivated at Uajotzingo, Puebla.

161790 to 161810.

From Czechoslovakia. Seeds presented by Herbert C. Hanson, Representative for Czechoslovakia, Food and Agriculture Organization of the United Nations, Prague. Received Jan. 19, 1948.

161790. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.

161791 to 161800. LACTUCA SATIVA L. Asteraceae. Lettuce.

161791. No. 1. 161796. No. 6.

161792. No. 2. 161797. No. 7.

161793. No. 3. 161798. No. 8.

161794. No. 4. 161799. No. 9.

161795. No. 5. 161800. No. 10.

161801 to 161810. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

161801. No. 1. 161806. No. 6.

161802. No. 2. 161807. No. 7.

161803. No. 3. 161808. No. 8.

161804. No. 4. 161809. No. 9.

161805. No. 5. 161810. No. 10.

161811 to 161813.

From Germany. Budsticks presented by the Institution for Fruit Culture, Geisenheim am Rhein. Received Jan. 20, 1948.

161811 and 161812. MALUS. Rosaceae.

161811. *Fredrowka*.

161812. *Sikora Type 1*.

161813. PYRUS COMMUNIS L. Rosaceae. Common pear.

Nordhauser Winterfarelle.

161814 to 161817.

From Italy. Trees presented by the Stabilimento Ortofrutticolo Forestale, Bologna. Received Jan. 20, 1948.

161814 and 161815. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

161814. *Ikorocavka Alaja*.

161815. *Lavina*.

161816 and 161817. PYRUS COMMUNIS L. Rosaceae. Common pear.

161816. *Ansaloni*.

161817. *Giardina*.

161818. CROTALARIA NITENS H. B. K. Fabaceae.

From Colombia. Seeds presented by William A. Kyburz, Cali. Received Jan. 27, 1948.

161819 to 161826. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Argentina. Seeds presented by E. C. Clos, Ministry of Agriculture, Buenos Aires. Received Jan. 27, 1948.

161819. SD 47-296. *Klein Alberti*. 161823. SD 47-300. *Klein Exito*.

161820. SD 47-297. *Klein Aniversario*. 161824. SD 47-301. *Klein Orgullo*.

161821. SD 47-298. *Klein Cometa*. 161825. SD 47-302. *Klein 157*.

161822. SD 47-299. *Klein Condor*. 161826. SD 47-303. *Klein 32*.

161827. PHYSALIS IXOCARPA Brot. Solanaceae. **Tomatillo.**

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 27, 1948.

No. 14429. Market, Mexico City. Originally from Querétaro. Jan. 16, 1948.

161828 to 161851. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From England. Scions presented by C. Savidge, National Agricultural Advisory Service, Hereford. Received Jan. 28, 1948.

161828. <i>Ashton Brown Jersey.</i>	161840. <i>Lorna Doone.</i>
161829. <i>Belle Norman.</i>	161841. <i>Master's Jersey.</i>
161830. <i>Cap of Liberty.</i>	161842. <i>Medaille d'Or.</i>
161831. <i>Cherry Pearmain.</i>	161843. <i>Neverblight.</i>
161832. <i>Cherry Norman.</i>	161844. <i>Porter's Perfection.</i>
161833. <i>Chisel Jersey.</i>	161845. <i>Red Jersey.</i>
161834. <i>Cowarne Red.</i>	161846. <i>Skyrme's Kernel.</i>
161835. <i>Dove.</i>	161847. <i>Stoke Red.</i>
161836. <i>Dymock Red.</i>	161848. <i>White Norman.</i>
161837. <i>Frederick.</i>	161849. <i>Yarlington Mill.</i>
161838. <i>Frequin Audievre.</i>	161850. <i>Horner.</i>
161839. <i>Lambrook Pippin.</i>	161851. <i>Langworthy.</i>

161852. DESMODIUM sp. Fabaceae.

From Hawaii. Seeds presented by the University of Hawaii, Honolulu, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 12, 1948.

161853 to 161857.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 14, 1948.

161853. IPOMOEA CAIRICA (L.) Sweet. Convolvulaceae. **Morning-glory.**

No. 14433. On mountain slope above San Agustín Tlaxiaca, Tlaxcala. Jan. 7, 1948.

161854 to 161857. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

161854. No. 14436. *Perones.* Fruits purchased in market at Apizaco, Tlaxcala. Said to be grown in Chihuahua; fruits small but well-formed, yellow, sweet-bitter in flavor. Jan. 7, 1948.

161855. No. 14426. *Perones Chapiados.* Fruits purchased in market at Mexico City. Grown in Puebla; fruits rather large, up to 7 cm. broad, yellow with a large red blush. Jan. 5, 1948.

161856. No. 14427. *Perones.* Fruits purchased in market at Mexico City. Fruits various in size, 4 to 7 cm. broad, greenish-yellow. Jan. 5, 1948.

161857. No. 14428. *Perones Chapiados.* Fruits purchased in market at Mexico City. Fruits small, 5 cm. broad, yellow with a reddish-brown blush. Jan. 5, 1948.

161858 to 161894.

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Jan. 13, 1948.

161858 to 161861. *ADESMIA* spp. Fabaceae.

161858. *ADESMIA* sp.

No. 351. Along roadside, across river from Santa Fe. Plants small, vetch-like, growing in dense patches; flowers yellow; roots with nodules. Dec. 3, 1947.

161859. *ADESMIA* sp.

No. 43. Along roadside, above Goya, Corrientes. Plants dense, prostrate, 6 to 10 inches high, resembling vetch in habit. Dec. 6, 1947.

161860. *ADESMIA* sp.

No. 69. Along road, 11 km. south of San José on road to Concepción del Uruguay. Plant prostrate, vetchlike, viny. Dec. 17, 1947.

161861. *ADESMIA* sp.

No. 67. Cultivated, La Plata Experimental Station. Vetchlike. Nov. 30, 1947.

161862. *AESCHYNOMENE MONTEVIDENSIS* Vog. Fabaceae.

No. 71. In swampy soil near the Parana River, 100 km. north of Buenos Aires. Semishrub, 8 to 12 feet tall. Dec. 18, 1947.

161863 to 161865. *ARACHIS VILLOSA* Benth. Fabaceae.

161863. No. 45. River-bottom land of Rio Empedrado, on road from Bella Vista to Corrientes. Plants prostrate, somewhat hirsute; taproot large and tuberous. Dec. 6, 1947.

161864. No. 48. Along bottom land of river, 20 km. south of Corrientes. Dec. 8, 1947. Plants small, glabrous, with carrotlike taproot about 1 inch thick.

161865. No. 49. In fine sandy soil interspersed with lime sinks of small lakes, between San Cosme and Ramada Paso, Corrientes. Plants prostrate, with large taproots; pods usually one-seeded. Dec. 9, 1947.

161866 to 161869. *ARACHIS HYPOGAEA* L. Fabaceae. **Common peanut.**

161866 to 161868. *Mani Blanca*. Warehouse, Cayasta, Santa Fe. Cultivated extensively for oil. Dec. 3, 1947.

161866. No. 60.

161867. No. 61.

161868. No. 62.

161869. No. 63. *Macrocarpa*. Cultivated, Agricultural Experimental Station, San Ignacio, Misiones. Dec. 10, 1947.

161870. *ARACHIS VILLOSA* Benth.

No. 66. Along road to Posadas, between Itá-Ibaté and Ituzaingó, Corrientes. Dec. 9, 1947.

161871 and 161872. *DESMODIUM* spp. Fabaceae.

161871. *DESMODIUM CANUM* (Gmel.) Schinz & Thell.

No. 50. Near San Javier, Misiones. Widely distributed in northern Argentina; plants usually not more than 30 cm. high. Dec. 13, 1947.

161872. *DESMODIUM* sp.

No. 42. Thirty km. north of Bella Vista, Corrientes. Widely distributed in Corrientes. Plants prostrate, viny; panicles erect, up to 30 cm. long. Dec. 5, 1947.

161858 to 161894.—Continued

161873 to 161875. *EUGENIA* spp. Myrtaceae.161873. *EUGENIA* sp.

No. 39. *Ybajay*. North of Santa Rosa, above Santa Fe, Santa Fe. Tree up to 30 feet high; fruits yellow, abundant, up to 5 cm. in diameter, with papayalike flavor. Dec. 3, 1947.

161874. *EUGENIA* sp.

No. 46. *Ybajay*. Near Goya Agricultural Experiment Station, Corrientes. Small shrub about 30 cm. high; fruit bright-yellow, up to 6 cm. in diameter, abundant, aromatic, tasting like papayas. Dec. 6, 1947.

161875. *EUGENIA* sp.

No. 47. *Nangapin*. Near Goya Agricultural Experiment Station, Corrientes. Small shrub, 15 to 30 cm. high; fruits abundant, red, about 3 cm. in diameter; flavor excellent. Dec. 6, 1947.

161876. *GALACTIA* sp. Fabaceae.

No. 41. Near Goya Agricultural Experiment Station, Corrientes. Viny plant, up to 2 m. long from large tuber. Dec. 4, 1947.

161877. *ILEX PARAGUARIENSIS* St. Hil. Aquifoliaceae.

Yerba mate.

No. 74. Cultivated, Experiment Station, San Ignacio, Misiones. Dec. 10, 1947.

161878. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

No. 70. Cultivated, Experiment Station, 30 km. from Concordia. Dec. 17, 1947.

161879. *LUPINUS* sp. Fabaceae.

No. 33. Along road between Santa Fe and San José del Rincón, Santa Fe. Plants annual, 1.5 to 2 m. high, occasionally in dense stands. Dec. 3, 1947.

161880. *NICOTIANA* sp. Solanaceae.

No. 72. Along road fill in Parana River swamp, 100 km. north of Buenos Aires, Entre Ríos. Plants about 1 m. high; flowers about 10 cm. long and 2.5 cm. broad; leaves narrow; stems echinate. Dec. 19, 1947.

161881 to 161883. *PASPALUM DILATATUM* Poir. Poaceae.

Dallis grass.

161881. No. 38. Santa Fe Agricultural Experiment Station, Santa Fe. Dec. 3, 1947.

161882. No. 64. Agricultural Experiment Station, 30 km. from Concordia. Dec. 17, 1947.

161883. No. 73. Parana River ferry, 100 km. north of Buenos Aires. Dec. 19, 1947.

161884 and 161885. *PASPALUM PLICATULUM* Michx.

Black grass.

161884. No. 37. Across river from Santa Fe, Santa Fe. Dec. 3, 1947.

161885. No. 44. Agricultural Experiment Station, Bella Vista, Corrientes. Dec. 6, 1947. Common native pasture grass.

161886. *PASPALUM QUADRIFARIUM* Lam.

No. 65. In semiswampy pastures, 75 km. south of Santa Fe. Dec. 5, 1947. A tough bunchgrass.

161887. *PASPALUM* sp.

No. 78. Thirty km. northwest of Posadas, Misiones. Plants erect, 1 m. high; leaves bluish-green. Dec. 13, 1947.

161888. *PASSIFLORA CAERULEA* L. Passifloraceae. Bluecrown passionflower.

No. 40. *Uburucuya*. Along road south of San Javier, Santa Fe. Dec. 3, 1947. Handsome climbing vine with very showy yellow fruits 3 to 5 cm. in diameter; covers trees up to 5 m.

161858 to 161894.—Continued

161889 to 161891. *STYLOSANTHES GRACILIS* VAR. *SUBVISCOSA* (Benth.) Burkart. Fabaceae.

161889. No. 75. Salto Chico and Concordia, Entre Ríos. Dec. 16, 1947. Plants small, prostrate.

161890. No. 76. Between San Cosme and Ramado Paso, Corrientes. Dec. 9, 1947.

161891. No. 77. Twenty-three km. south of Mercedes on road to Concordia, Corrientes. Dec. 15, 1947. Stems semiprostrate, about 1 m. long.

161892. *TRIFOLIUM POLYMORPHUM* Poir. Fabaceae.

No. 36. Across river from Santa Fe on road to San José, Santa Fe. Dec. 3, 1947. Plants small with large roots.

161893. *VICIA GRAMINEA* J. E. Smith. Fabaceae.

No. 34. Along river at Santa Fe, Santa Fe. Dec. 3, 1947.

161894. *ZEA MAYS* L. Poaceae.

Corn.

No. 68. A primitive native corn grown near Posadas, Misiones. Dec. 10, 1947.

161895 to 16951. *VITIS VINIFERA* L. Vitaceae. European grape.

From Italy. Plants presented by Luigi Pirovano, Stabilimento Viticola di Frutticoltura, Milan. Received Jan. 29, 1948.

161895. <i>Angelo Pirovano.</i>	161924. <i>Perlona.</i>
161896. <i>Baiardo.</i>	161925. <i>Pignoletta.</i>
161897. <i>Barbera.</i>	161926. <i>Pinot Nero.</i>
161898. <i>Berzamino.</i>	161927. <i>Pirovano 15.</i>
161899. <i>Bonarda.</i>	161928. <i>Pirovano 24.</i>
161900. <i>Cabernet Franc.</i>	161929. <i>Pirovano 52.</i>
161901. <i>Ciligiolo.</i>	161930. <i>Pirovano 365.</i>
161902. <i>Crovattina.</i>	161931. <i>Primus.</i>
161903. <i>Delizia di Vaprio.</i>	161932. <i>Raboso Veronese.</i>
161904. <i>Durif.</i>	161933. <i>Sangiovese.</i>
161905. <i>Teriz 78-13.</i>	161934. <i>Schiraz.</i>
161906. <i>Esperia.</i>	161935. <i>Sollerino.</i>
161907. <i>Ferdinand de Lessep.</i>	161936. <i>Sovrana.</i>
161908. <i>Galia.</i>	161937. <i>Sultanina Nera.</i>
161909. <i>Grand Noir de la Calmette.</i>	161938. <i>Syrah.</i>
161910. <i>Italia.</i>	161939. <i>Pirovano 1.</i>
161911. <i>Littorio.</i>	161940. <i>Pirovano 4.</i>
161912. <i>Lombardia.</i>	161941. <i>Maria Pirovano.</i>
161913. <i>Malbeck.</i>	161942. <i>Teresa Pirovano.</i>
161914. <i>Merlot.</i>	161943. <i>Terzi 108-6.</i>
161915. <i>Moffato Bianca.</i>	161944. <i>IP. 27.</i>
161916. <i>Moscato Dell'Adda.</i>	161945. <i>Trebbiano Bianco.</i>
161917. <i>Nebbiolo.</i>	161946. <i>Igne.</i>
161918. <i>Negrera.</i>	161947. <i>Frankenthal.</i>
161919. <i>Aleatico.</i>	161948. <i>Verdea.</i>
161920. <i>Alicante Bouschet.</i>	161949. <i>Marengo.</i>
161921. <i>Opale 213.</i>	161950. <i>Volta.</i>
161922. <i>Pardina.</i>	161951. <i>Pirovano 14.</i>
161923. <i>Perla Nera.</i>	

161952 to 161954. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Belgium. Seeds presented by the Ministry of Agriculture, Gembloux. Received Jan. 14, 1948.

161952. *Lingot.*161953. *Metis.*161954. *Supermetis.***161955. CUCUMIS MELO L. Cucurbitaceae.****Muskmelon.**

From Afghanistan. Seeds collected in Girishk by F. O. Youngs, Morrison-Knudson Afghanistan Inc., Kabul. Received Jan. 19, 1948.

161956. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From England. Seeds purchased from Toogood & Sons, Ltd., Southampton. Received Jan. 30, 1948.

161957 to 162009.

From Austria. Seeds presented by the Hochschule für Bodenkultur, Vienna. Received Jan. 30, 1948.

161957 to 161959. AVENA SATIVA L. Poaceae.**Common oats.**161957. *Kirsches Gelb.*161958. *Kirsches Weiss.*161959. *Tshermaks Fruhhäfer.***161960 to 161975. HORDEUM spp. Poaceae.****Barley.****161960. HORDEUM DISTICHON L.***Tschermaks Zweizeilige.***161961 and 161962. HORDEUM VULGARE L.**161961. *Grundaans Wotan.*161962. *Peragis.***161963. HORDEUM DISTICHON L.***Wieselburger Zweizeilige.***161964 to 161966. HORDEUM VULGARE L.**161964. *Breustedts Schladener.*161965. *Immendorfer Harriet.*161966. *Engelens Wieland.***161967 to 161975. HORDEUM DISTICHON L.****Barley.**

Spring barley.

161967. *Hanna Mal Kargin.*161968. *Angerner Frühe.*161969. *Oser.*161970. *Ackermanns Isaria.*161971. *Immendorfer Zweizeilige Carolus.*161972. *Loosdorfer Frühe Zaya.*161973. *Hohenauer Vollkorn.*161974. *Ackermanns Donaria.*161975. *Kneifel Vollkorn.***161976 to 161987. SECALE CEREALE L. Poaceae.****Rye.**

Winter rye.

161976. *Tschermaks Veredelter Marchfelder.*

161957 to 162009.—Continued**161976 to 161987.—Continued**

161977. *Hohenauer*.
 161978. *Drahorads Petroneller Thyrnauer*.
 161979. *Lasseer*.
 161980. *Loosdorfer Reform*.
 161981. *Melker*.
 161982. *Edelhofer*.
 161983. *Kefermarkter*.
 161984. *Schlagler*.
 161985. *Otterbacher*.
 161986. *Karntner*.
 161987. *Petkuser Normalstroh*.

161988 and 161989. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

161988. *Giessler*.
 161989. *Wolfsthaler*.

161990 to 162009. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

Winter wheat.

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| 161990. No. 1. <i>Erythrospermum</i> . | 162000. No. 11. <i>Milturum</i> . |
| 161991. No. 2. <i>Erythrospermum</i> . | 162001. No. 12. <i>Milturum</i> . |
| 161992. No. 3. <i>Lutescens</i> . | 162002. No. 13. <i>Milturum</i> . |
| 161993. No. 4. <i>Erythrospermum</i> . | 162003. No. 14. <i>Milturum</i> . |
| 161994. No. 5. <i>Lutescens</i> . | 162004. No. 15. <i>Lutescens</i> . |
| 161995. No. 6. | 162005. No. 16. <i>Lutescens</i> . |
| 161996. No. 7. <i>Erythrospermum</i> . | 162006. No. 17. <i>Lutescens</i> . |
| 161997. No. 8. <i>Lutescens</i> . | 162007. No. 18. <i>Milturum</i> . |
| 161998. No. 9. <i>Erythrospermum</i> . | 162008. No. 19. <i>Milturum</i> . |
| 161999. No. 10. <i>Lutescens</i> . | 162009. No. 20. <i>Lutescens</i> . |

162010. AMARYLLIS sp. Amaryllidaceae.

From Argentina. Bulbs collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Australia. Received Jan. 30, 1948.

No. 79. In dry clay soil at San Pedro and Jujuy. Jan. 7, 1948. Plants about 2 feet high; flowers greenish-cream; bulbs large.

162011 to 162053.

From the Union of South Africa. Plants presented by W. Oosthuizen, Beaufort, Cape Province. Received Feb. 2, 1948.

162011. ANACAMPSEOS PAPYRACEA Sond. Portulacaceae.
 162012. (Undetermined.)
 162013 and 162014. BRYOPHYLLUM TUBIFLORUM Harv. Crassulaceae.
 162013. No. 1.
 162014. No. 2.
 162015. CARALLUMA sp. Asclepiadaceae.
 162016. CRASSULA sp. Crassulaceae.
 162017. CRASSULA PYRAMIDALIS L. f.

162011 to 162053.—Continued

162018. *DIPLOCYATHA CILIATA* N. E. Br. Asclepiadaceae.
 162019. *EUPHORBIA TRUNCATA* N. E. Br. Euphorbiaceae.
 162020. *EUPHORBIA* sp.
 162021. *FAUCARIA TIGRINA* (Haw.) Schwantes. Aizoaceae.
 162022 to 162025. *HAWORTHIA* spp. Liliaceae.
 162022. *HAWORTHIA FASCIATA* (Willd.) Haw.
 162023. *HAWORTHIA TESSELATA* Haw.
 162024. *HAWORTHIA* sp.
 162025. *HAWORTHIA* sp.
 162026. *GASTERIA* sp. Liliaceae.
 162027. *HAWORTHIA* sp. Liliaceae.
 162028. *HEURNIA RETICULATA* Haw. Asclepiadaceae.
 162029. *KLEINA* sp. Asteraceae.
 162030. *PECTINARIA TULIPIFLORA* Luckhoff. Asclepiadaceae.
 162031. *PLEIOSPILOS MAGNIPUNCTATA* (Haw.) Schwantes. Aizoaceae.
 162032. *DIOSCOREA ELEPHANTIPES* (L'Her.) Engl. Dioscoreaceae.

Elephantfoot.

- 162033 to 162039. *STAPELIA* spp. Asclepiadaceae.
 162033. *STAPELIA FLAVIROSTRIS* N. E. Br.
 162034. *STAPELIA NOBILIS* N. E. Br.
 162035. *STAPELIA* sp.
 162036. *STAPELIA* sp.
 162037. *STAPELIA HIRSUTA* L.
 162038. *STAPELIA LEENDERTZIAE* N. E. Br.
 162039. *STAPELIA VARIEGATA* L.
 162040. *TRICHOCAULON FLAVUM* N. E. Br. Asclepiadaceae.
 162041 to 162053. (Undetermined.)

162054 and 162055. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.**Tomato.**

From Brazil. Seeds collected by Hans G. Sorensen, Instituto Agronómico, Belém, Para. Received Feb. 4, 1948.

162054. Blight resistant.
 162055. Marajo area.

162056 to 162058. *ZEA MAYS* L. Poaceae.**Corn.**

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received Feb. 4, 1948.

162056. L. 278-1-2.
 162057. I. A. 300 (L. 483-2-1-2 X L. 278-1-2.)
 162058. L. 483-2-1-2.

162059. *VITIS VINIFERA* L. Vitaceae.**European grape.**

From Spain. Cuttings presented by Enrique F. Bodadilla, Sherry Shippers Association. Received Feb. 16, 1948.

Pedro Ximenez.

162060 to 162062. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From France. Scions presented by Piere Miallet, Station de Recherches Viticoles et D'Arboriculture Fruitiere, Pont-de-la-Maye, Gironde. Received Jan. 28, 1948.

162060. *Amere de Bellevue.*

162061. *Cazo Jaune.*

161062. *Daur Belan.*

162063 and 162064. GOSSYPIMUM. Malvaceae. Cotton.

From French Equatorial Africa. Seeds presented by an unknown donor through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 2, 1948.

162063. B-59-E-1.

162064. 15-E-1.

162065 to 162071.

From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 2, 1948.

162065. *CANNA* sp. Cannaceae.

No. 14409. *Calla*. Near Los Tajocodes, summit of mountains above Mazatlán, Guerrero. Dec. 27, 1947.

162066. *HIBISCUS SABDARIFFA* L. Malvaceae. Roselle.

No. 14347. *Jamaica*. Cultivated, Alzada, Colima. Dec. 21, 1947.

162067 and 162068. *IPOMOEA* spp. Convolvulaceae. Morning-glory.

162067. No. 14401. Rocky slope of dry mountains above Mazatlán, Guerrero. Dec. 27, 1947.

162068. No. 14402. Summit of mountains near Los Tajocodes, Guerrero. Dec. 27, 1947. Climber up to 25 feet long; flowers deep-orange.

162069. *NICOTIANA TABACUM* L. Solanaceae. Tobacco.

No. 14348. Roadsides and borders of old fields, near Ciudad Guzmán, Jalisco. Dec. 21, 1947.

162070 and 162071. *SOLANUM* spp. Solanaceae.

162070. *SOLANUM* sp.

No. 14346. Cultivated as ornamental, Colima, Colima. Dec. 20, 1947. Climbing vine; fruits red when ripe.

162071. *SOLANUM* sp.

No. 14372. *Pinguraca*. La Llorona, Jalisco. Dec. 22, 1947. Vine up to 20 feet long; flowers small, white tinged with purple; fruits orange-red.

162072 to 162387. ORYZA SATIVA L. Poaceae. Rice.

From Korea. Seeds collected by E. M. Cralley, Plant Pathologist, Department of Agriculture, USAMGIK, Seoul. Received Feb. 3, 1948.

162072 to 162160. From Japan.

162072. *Aikoku* No. 1.

162079. *Dango Nakaine.*

162073. *Akebono.*

162080. *Dangosinriki.*

162074. *Airoka* 1.

162081. *Dauchu* x *Asai* 1.

162075. *Asai* 2.

162082. *Denzinho.*

162076. *Asai* 4.

162083. *Dosan* 41.

162077. *Bunsito.*

162084. *Dosan* 49.

162078. *Byobo.*

162085. *Dosan* 50.

162072 to 162387.—Continued

162072 to 162160.—Continued

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| 162086. <i>Dosan</i> 51. | 162124. <i>Omachi</i> 2. |
| 162087. <i>Dosan</i> 53. | 162125. <i>Sanin</i> 30. |
| 162088. <i>Dosan</i> 54 (<i>Higashi Yama</i>) | 162126. <i>Senbon Asai</i> . |
| 162089. <i>Dosan</i> 57. | 162127. <i>Shin Asai</i> . |
| 162090. <i>Dosan</i> 58. | 162128. <i>Sinriki</i> No. 1. |
| 162091. <i>Dosan</i> 59. | 162129. <i>Suito Norin</i> No. 1. |
| 162092. <i>Gatsura Mochi</i> . | 162130. <i>Suito Norin</i> No. 2. |
| 162093. <i>Hayachibanisiki</i> . | 162131. <i>Suito Norin</i> No. 3. |
| 162094. <i>Hinodesen Lenyo</i> . | 162132. <i>Suito Norin</i> No. 4. |
| 162095. <i>Husagitchi</i> . | 162133. <i>Suito Norin</i> No. 5. <i>Mochi</i> . |
| 162096. <i>I-Kasa-wase</i> (<i>Sanae</i>). | 162134. <i>Suito Norin</i> No. 6. |
| 162097. <i>Iwai</i> . | 162135. <i>Suito Norin</i> No. 7. |
| 162098. <i>Kair Yohabutae</i> . | 162136. <i>Suito Norin</i> No. 8. |
| 162099. <i>Kiuki</i> No. 46. | 162137. <i>Suito Norin</i> No. 10. |
| 162100. <i>Kiuki</i> No. 52. | 162138. <i>Suito Norin</i> No. 12. |
| 162101. <i>Kiuki</i> No. 25. | 162139. <i>Suito Norin</i> No. 13. |
| 162102. <i>Kiuki</i> No. 41. | 162140. <i>Suito Norin</i> No. 14. |
| 162103. <i>Kiuki</i> No. 42. | 162141. <i>Suito Norin</i> No. 16. |
| 162104. <i>Kiuki</i> No. 44. | 162142. <i>Suito Norin</i> No. 17. |
| 162105. <i>Kiuki</i> No. 47. | 162143. <i>Suito Norin</i> No. 18. |
| 162106. <i>Kiuki</i> No. 50. | 162144. <i>Suito Norin</i> No. 20. |
| 162107. <i>Kyonggi</i> 51. | 162145. <i>Suito Norin</i> No. 22. |
| 162108. <i>Kyoto-wase</i> . | 162146. <i>Suito Norin</i> No. 23. |
| 162109. <i>Modoasai</i> No. 2. | 162147. <i>Suito Norin</i> No. 24. |
| 162110. <i>Murasahitsutsuri</i> . | 162148. <i>Suito Norin</i> No. 26. |
| 162111. <i>Murasaki Mochi</i> . | 162149. <i>Suito Norin</i> No. 29. |
| 162112. <i>Nimaikawa</i> . | 162150. <i>Suito Norin</i> No. 32. |
| 162113. <i>Niwahutae Mochi</i> . | 162151. <i>Suito Norin</i> No. 37. |
| 162114. <i>Norin</i> No. 6. | 162152. <i>Taigoku</i> . |
| 162115. <i>Norin</i> No. 8. | 162153. <i>Tanginboshu</i> . |
| 162116. <i>Norin</i> No. 10. | 162154. <i>Taishomochi</i> . |
| 162117. <i>Norin</i> No. 13. | 162155. <i>Tsutsuri</i> . |
| 162118. <i>Norin</i> No. 22. | 162156. <i>Tsukune</i> . |
| 162119. <i>Norin</i> No. 23. | 162157. <i>Wase-shinhiki</i> No. 1. |
| 162120. <i>Norin</i> No. 26. | 162158. <i>Woushokto</i> . |
| 162121. <i>Norin</i> No. 29. | 162159. <i>Yamato-hinode</i> . |
| 162122. <i>Norin</i> No. 32. | 162160. <i>Yamatoniskiki</i> . |
| 162123. <i>Norin</i> No. 37— <i>Kiuki</i> 45. | |
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- 162161 to 162387. From Korea.
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| 162161. No. 135. | 162165. No. 134. |
| 162162. No. 20. | 162166. No. 2. |
| 162163. No. 147. | 162167. No. 42. |
| 162164. No. 117. | 162168. No. 142. |

162072 to 162387.—Continued

162161 to 162387.—Continued

162169.	No. 59.	162212.	No. 149.
162170.	No. 22.	162213.	No. 90.
162171.	No. 44.	162214.	No. 54.
162172.	No. 25.	162215.	No. 158.
162173.	No. 127.	162216.	<i>Huang Dai Kol Bio.</i>
162174.	No. 141.	162217.	No. 56.
162175.	<i>Biong Zo.</i>	162218.	No. 58.
162176.	No. 96.	162219.	No. 110.
162177.	No. 81.	162220.	No. 146.
162178.	No. 76.	162221.	No. 53.
162179.	No. 160.	162222.	No. 21.
162180.	No. 73.	162223.	No. 140.
162181.	No. 156.	162224.	No. 92.
162182.	No. 74.	162225.	No. 97.
162183.	No. 94.	162226.	No. 114.
162184.	No. 157.	162227.	No. 95.
162185.	No. 116.	162228.	No. 105.
162186.	No. 86.	162229.	No. 109.
162187.	No. 48.	162230.	<i>Il Ziu.</i>
162188.	No. 65.	162231.	<i>Ise Zinza.</i>
162189.	No. 63.	162232.	No. 61.
162190.	No. 154.	162233.	No. 31.
162191.	No. 68.	162234.	No. 28.
162192.	No. 37.	162235.	No. 7.
162193.	No. 77.	162236.	No. 144.
162194.	No. 4.	162237.	No. 66.
162195.	No. 43.	162238.	No. 19.
162196.	No. 119.	162239.	No. 155.
162197.	No. 80.	162240.	No. 136.
162198.	No. 139.	162241.	No. 84.
162199.	No. 106.	162242.	No. 99.
162200.	No. 26.	162243.	<i>Kwan San.</i>
162201.	No. 47.	162244.	No. 68.
162202.	No. 100.	162245.	No. 6.
162203.	No. 3.	162246.	No. 8.
162204.	No. 4.	162247.	No. 137.
162205.	No. 72.	162248.	No. 103.
162206.	No. 128.	162249.	No. 132.
162207.	No. 82.	162250.	No. 17.
162208.	No. 1.	162251.	No. 57.
162209.	No. 129.	162252.	No. 85.
162210.	No. 28.	162253.	No. 52.
162211.	No. 120.	162254.	No. 32.

162072 to 162387.—Continued

162161 to 162387.—Continued

162255. No. 60.	162299. No. 83.
162256. No. 138.	162300. No. 7.
162257. No. 153.	162301. No. 7.
162258. No. 62.	162302. No. 8.
162259. No. 113.	162303. No. 9.
162260. No. 111.	162304. No. 16.
162261. No. 45.	162305. No. 21.
162262. No. 19.	162306. No. 30.
162263. No. 75.	162307. No. 31.
162264. No. 70.	162308. No. 33.
162265. No. 13.	162309. No. 36.
162266. No. 104.	162310. No. 53.
162267. No. 29.	162311. No. 55.
162268. No. 18.	162312. No. 61.
162269. No. 145.	162313. No. 64.
162270. No. 150.	162314. No. 66.
162271. <i>Ok Chui.</i>	162315. No. 67.
162272. No. 118.	162316. No. 67.
162273. No. 126.	162317. No. 72.
162274. No. 69.	162318. No. 73.
162275. No. 48.	162319. No. 77.
162276. No. 45.	162320. No. 78.
162277. No. 89.	162321. No. 82.
162278. No. 37.	162322. No. 85.
162279. No. 5.	162323. No. 89.
162280. No. 152.	162324. No. 92.
162281. No. 20.	162325. No. 99.
162282. No. 14.	162326. No. 101.
162283. No. 4, (No. 10.)	162327. No. 106.
162284. No. 10, (No. 40.)	162328. No. 118.
162285. No. 16, (No. 50.)	162329. No. 123.
162286. No. 87.	162330. No. 136.
162287. No. 107.	162331. No. 137.
162288. No. 13.	162332. No. 140.
162289. No. 175.	162333. <i>Tama Gin.</i>
162290. No. 1.	162334. No. 131.
162291. <i>Seo Kwang.</i>	162335. No. 121.
162292. <i>Soun Sou.</i>	162336. No. 72.
162293. No. 5.	162337. No. 35.
162294. <i>Suk Chun Jung Un.</i>	162338. No. 3.
162295. No. 132.	162339. No. 5.
162296. No. 104.	162340. No. 6.
162297. No. 71.	162341. No. 11.
162298. No. 78.	162342. <i>Ung Zeong.</i>

162072 to 162387.—Continued

162161 to 162387.—Continued

162343. No. 64.	162366. No. 159.
162344. No. 51.	162367. No. 151.
162345. No. 101.	162368. No. 16.
162346. No. 30.	162369. No. 143.
162347. No. 112.	162370. No. 55.
162348. No. 11.	152371. No. 23.
162349. No. 91.	162372. No. 122.
162350. No. 98.	162373. No. 133.
162351. No. 38.	162374. No. 123.
162352. No. 125.	162375. No. 47.
162353. <i>Yiong Kwang.</i>	162376. No. 34.
162354. No. 35.	162377. No. 148.
162355. No. 9.	162378. No. 88.
162356. No. 33.	162379. No. 93.
162357. No. 41.	162380. <i>Zo Saeng Dae Ya.</i>
162358. No. 24.	162381. <i>Zo Saengunbang Ju.</i>
162359. No. 39.	162382. <i>Zo Saeng Gokryang Do.</i>
162360. No. 108.	162383. No. 124.
162361. No. 102.	162384. No. 130.
162362. No. 12.	162385. No. 46.
162363. No. 137.	162386. No. 3.
162364. No. 36.	162387. No. 1.
162365. No. 49.	

162388 to 162392. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Peru. Tubers presented by C. A. Boonstra, Agricultural Attaché, American Embassy, Lima. Received Feb. 6, 1948.

162388. No. 110.	162391. No. 266.
162389. No. 113.	162392. No. 285.
162390. No. 178.	

162393 to 162397. AVENA SATIVA L. Poaceae. **Common oats.**

From the Netherlands. Seeds presented by the Ministry of Agriculture, Wageningen. Received Feb. 9, 1948.

162393. <i>Adelaar.</i>	162396. <i>Marne.</i>
162394. <i>Binder.</i>	162397. <i>Wodan.</i>
162395. <i>Express.</i>	

162398. KHAYA NYASICA Baker. Meliaceae.

From Southern Rhodesia. Seeds received at the United States Plant Introduction Garden, Coconut Grove, Fla., from the Government Forest Nursery, Salisbury. Numbered Feb. 10, 1948.

162399. PENNISETUM CILIARE (L.) Link. Poaceae.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Feb. 4, 1948.

162400. RHODODENDRON sp. Ericaceae.

From China. Seeds presented by Andrew Tse, Clover Commercial Co., Hong Kong. Received Jan. 30, 1948.

162401 to 162422.

From South America. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australia Council for Scientific and Industrial Research, Canberra, Australia. Received Jan. 29, 1948.

162401. *ACACIA MONILIFORMIS* Griseb. Fabaceae.

No. 96. Chaco, Argentina. Spiny shrub, 8 to 12 feet high; pods constricted, 5 to 10 seeded. Jan. 9, 1948.

162402 to 162408. *ARACHIS HYPOGEA* L. Fabaceae.

Common peanut.

162402 to 162407. From Bolivia.

162402. No. 82. *Mani Blanca*. Seed store, La Paz. Dec. 30, 1947.

162403. No. 83. Seed store, La Paz. Dec. 31, 1947. A black-seeded type.

162404. No. 85. *Mani Pintar*. Market, La Paz. Dec. 31, 1947. Nut striped.

162405. No. 86. *Mani Pintar*. Seed store, La Paz. Dec. 31, 1947.

162406. No. 88. *Mani Colorada*. Market, La Paz. Dec. 31, 1947.

162407. No. 84. *Mani Blanca*. Seed store, La Paz. Dec. 31, 1947.

162408. From the Province of Entre Ríos, Argentina.

162409. *BELOPERONE* sp. Acanthaceae.

No. 100. On clay soil around Salta, Argentina. Jan. 9, 1948. Weedy plant 2 feet high with numerous blue flowers similar to those of petunia.

162410. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.

No. 97. Common grass on clay soil around Salta, Argentina. Jan. 8, 1948. Plants 18 inches high.

162411. *CALOPOGONIUM* sp. Fabaceae.

No. 94. Mountain side, vicinity of Salta, Argentina. Jan. 10, 1948. Vine 3 to 4 feet long, forming dense ground cover.

162412. *CHENOPODIUM QUINOA* Willd. Chenopodiaceae.

Quinoa.

No. 92. Market, La Paz, Bolivia. Dec. 30, 1947.

162413 to 162419. From Argentina.

162413. *CROTALARIA INCANA* L. Fabaceae.

No. 80. Common on red and gray clay soils at base of mountains near Salta. Jan. 10, 1948. Plants small, 2 feet high.

162414. *INDIGOFEA PARODIANA* Burkart. Fabaceae.

No. 91. Along railroad near Salta. Jan. 10, 1948. Vetchlike vine, prostrate, 18 inches long.

162415. *NICOTIANA SYLVESTRIS* Spegaz. Solanaceae.

Tobacco.

No. 93. Growing wild at Cerro de San Bernardo, near San Pedro. Jan. 8, 1948. Plant slender, 3 feet tall; leaves narrow, waxy.

162416. *PASPALUM DILATATUM* Poir. Poaceae.

Dallis grass.

No. 81. Park at Salta. Jan. 5, 1948.

162417. *PASPALUM PLICATULUM* Michx.

Black grass.

No. 98. Common grass around San Pedro and Salta. Jan. 8, 1948.

162418. *SETARIA ARGENTINA* Herrm. Poaceae.

No. 95. Valley around Salta. Jan. 9, 1948. Plants 2 to 3 feet tall; leaves broad and tender.

162419. *LYCIUM CESTROIDES* Schlecht. Solanaceae.

No. 99. Jan. 8, 1948. Bush 8 to 12 feet high; flowers small, bluish-purple; berries bright-red; ornamental.

162401 to 162422.—Continued**162420 to 162422. ZEA MAYS L. Poaceae.****Corn.**

From market, La Paz, Bolivia. Dec. 31, 1947.

162420. No. 87. A red corn.

162421. No. 89.

162422. No. 90.

162423 to 162425. RHODODENDRON spp. Ericaceae.

From China. Seeds presented by Andrew Tse, Clover Commercial Co., Hong Kong. Received Feb. 11, 1948.

162423. RHODODENDRON CHARTOPHYLLUM Franch.

Introduced as var. "praecox"; an apparently unpublished name.

162424. RHODODENDRON sp.

162425. RHODODENDRON SIMSII Planch.

Azalea.**162426 to 162431. VITIS VINIFERA L. Vitaceae. European grape.**

From Portugal. Cuttings presented by Ed. Sa Pereira, R. Justino Teixeira. Received Feb. 12, 1948.

162426. *Alvarethao* No. 807.162429. *Souzao* No. 809.162427. *Cornifesto*.162430. *Tinta Francisca*. No. 821.162428. *Donzelinko de Castelo*.162431. *Touriza*. No. 820.**162432 to 162440. SACCHARUM. Poaceae.****Sugarcane.**

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Río Piedras.

162432. No. 904.

162437. No. 909.

162433. No. 905.

162438. No. 910.

162434. No. 906.

162439. No. 911.

162435. No. 907.

162440. No. 912.

162436. No. 908.

162441 and 162442. MALUS SYLVESTRIS Mill. Rosaceae.**Apple.**

From England. Scions purchased from W. Hopwood & Son, Ltd., Cheltenham. Received Feb. 16, 1948.

162441. *Dymock Red*.162442. *Ellis Bitter*.**162443. LYCORIS AUREA (L'Her.) Herbert. Amaryllidaceae.****Cluster-amaryllis.**

From China. Bulbs presented by the Botanic Garden, Sun Yat-Sen's Memorial Park Commission, Nanking. Received Feb. 17, 1948.

162444 to 162450. PRUNUS spp. Rosaceae.

From France. Scions presented by Rivoire Pere & Fils, Lyon. Received Feb. 18, 1948.

162444. PRUNUS PERSICA (L.) Batsch.

Peach.*Waddel*.

162445 to 162448. PRUNUS ARMENIACA L.

Apricot.162445. *D'Ampuis*.162447. *Royal*.162446. *Merveille du Duphine*.162448. *Sucre de Holub*.

162449. PRUNUS AVIUM L.

Sweet cherry.*Bigarreau Precose Burlat*.

162444 to 162450.—Continued

162450. × *PRUNUS EFFUSA* (Host) Schneid. Duke cherry.

Belle Magnifique.

162451 and 162452. *PRUNUS AVIUM* L. Rosaceae. Sweet cherry.

From Greece. Trees growing at the United States Plant Introduction Garden, Glenn Dale, Md. Received April 18, 1947. Numbered Feb. 19, 1948.

Originally from the Experiment Station, Athens.

162451. *Alta Parmak.*

162452. *Ialbaste.*

162453 to 162464.

From Uruguay. Seeds obtained from the La Estanzuela Experiment Station by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Feb. 11, 1948.

162453 and 162454. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.

162453. No. 140. Selection No. 30.

162454. No. 143. *Sunrise.*

162455. *LOLIUM* sp. Poaceae.

No. 144. Selection No. 284. Profusely stooling; rust-resistant. Originally from Brazil.

162456. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

162457 to 162459. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

162457. No. 145. *Punea.* Originally from Argentina.

162458. No. 147. *Saladina.*

162459. No. 150. A selection from the var. *Saladina.*

162460 to 162463. *SECALE CEREALE* L. Poaceae.

Rye.

162460. No. 146. Selection No. 2831.

162461. No. 141. *Pico.*

162462. No. 142. *Waldstanden.* Said to have been developed in Argentina; a biennial.

162463. No. 149. Selection No. 3446.

162464. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

No. 151. A selection from seed originally obtained from New Zealand.

162465 to 162470. *PRUNUS AVIUM* L. Rosaceae. Sweet cherry.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Feb. 24, 1948.

162465. *Early Chapman.* C-26659. 162468. *English Morello.* C-26662.

162466. *Bing.* C-26660. 162469. *Early Richmond.* C-26663.

162467. *Lambert.* C-26661. 162470. *Black Tartarian.* C-26664.

162471 to 162491.

From China. Seeds presented by the Lu Shan Botanical Garden, Kuling. Received Feb. 6, 1948.

162471. *ACER BUERGERIANUM* Miquel. Aceraceae.

Trident maple.

162472. *ACER OLIVERIANUM* Pax.

162473. *ADINA PILULIFERA* (Lam.) Franch. Rubiaceae.

162474. *BOENNINGHAUSENIA ALBIFLORA* (Hook.) Reichenb. Rutaceae.

162475. *CAMELLIA OLEIFERA* Abel. Theaceae.

162471 to 162491.—Continued

162476. *CAMELLIA FRATERNA* Hance.
 162477. *CEPHALOTAXUS DRUPACEA* Sieb. & Zucc. Taxaceae.
 162478. *CERCIS CHINENSIS* Bunge. Fabaceae. Chinese redbud.
 162479. *CUNNINGHAMIA LANCEOLATA* (Lamb.) Hook. Pinaceae.
 162480. *DIANTHUS CHINENSIS* L. Caryophyllaceae. Chinese pink.
 162481. *DIANTHUS SUPERBUS* L. Lilac pink.
 162482. *HOVENIA DULCIS* Thunb. Rhamnaceae. Raisintree.
 162483. *ILEX CORNUTA* Lindl. & Paxt. Aquifoliaceae. Chinese holly.
 162484. *ILEX ROTUNDA* Thunb. Holly.
 162485. *MAGNOLIA OFFICINALIS* var. *BILOBA* Rehd. & Wilson. Magnoliaceae.
 162486. *PODOCARPUS MACROPHYLLA* (Thunb.) Don. Taxaceae. Yew podocarpus.
 162487. *RHODODENDRON MARIESII* Hemsl. & Wils. Ericaceae.
 162488. *RHODODENDRON OVATUM* (Lindl.) Planch.
 162489. *RHODODENDRON SIMSII* Planch. Azalea.
 162490. *STYRAX CALVESCENS* Perkins. Styracaceae.
 162491. *TORREYA GRANDIS* Fortune. Taxaceae.

162492 and 162493. *AVENA SATIVA* L. Poaceae. Common oats.

From the Netherlands. Seeds presented by R. J. Mansholt, Westpolder, Groningen. Received Feb. 20, 1948.

162492. *Mansholt's Haver III.*

162493. *Wodan.*

162494 to 162511.

From France. Seeds presented by Rene Lepage, Angers, Maine-et-Loire. Received Feb. 20, 1948.

162494 to 162499. *CYDONIA*. Rosaceae. Quince.

162494. *W 4.* 162497. *East Malling C.*

162495. *W F 17.* 162498. *Fontenay.*

162496. *East Malling B.* 162499. *Palestine.*

162500. *MALUS BACCATA* (L.) Moench. Rosaceae. Siberian crabapple.

162501. *MALUS.*

Double Vigueru d'Iveury.

162502. *PYRUS COMMUNIS* L. Rosaceae. Common pear.

Bartlett.

162503 to 162508. *MALUS*. Rosaceae.

162503. *Frequin.* 162506. *Rouge Briere.*

162504. *Noel Deschamps.* 162507. *Paradis de Vayre.*

162505. *Messire Jacques.* 162508. *Stocks Crab C.*

162509 to 162511. *PRUNUS DOMESTICA* L. Rosaceae. Common plum.

162509. *AN 1.*

162510. *Jarnac 7.*

162511. *Jarnac 5.*

162512. PENNISETUM CILIARE (L.) Link. Poaceae.

From Australia. Seed presented by the Department of Agriculture, Sydney, New South Wales. Received Feb. 11, 1948.

162513. CARICA MONOICA Desf. Papayaceae.

From Peru. Seeds presented by Bowen S. Crandall, Experimental Station, Tingo María. Received Feb. 20, 1948.

Papailla. T. M. No. 110.

162514. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From California. Seeds presented by Vesta Holt, Chico State College, Chico. Received Feb. 26, 1948.

Descended from beans taken from crop of wild goose 75 to 100 years ago.

162515 to 162520. CITRUS spp. Rutaceae.

From China. Scions presented by the American Embassy, Shanghai. Received Feb. 24, 1948.

162515 to 162519. CITRUS PARADISII Macfad.**Grapefruit.**

162515. *Hakunikuyu.*

162518. *Mato Hakuyu.*

162516. *Mato Anyu.*

162519. *Mitsuyu.*

162517. *Mato Buntan.*

162520. CITRUS.

Koshotankan.

162521 to 162541. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Argentina. Seeds presented by the Ministry of Agriculture, Experiment Station, Manfredi. Received Feb. 24, 1948.

162521. Mf. No. 403. Sydney, Australia.

162522. Mf. No. 404.

162523. Mf. No. 405.

162524. Mf. No. 880. Originally from Santa Fe Province.

162525. Mf. No. 886. Originally from the Tucuman Agricultural Experiment Station.

162526. Mf. No. 887. Córdoba.

162527. Mf. No. 889. Cultivated in the Provinces of Misiones and Corrientes.

162528. Mf. No. 890. Cultivated in the Provinces of Corrientes and Misiones, and in Paraguay.

162529. Mf. No. 891. Cultivated in the Provinces of Corrientes and Misiones.

162530. Mf. No. 892. Cultivated, Córdoba.

162531. Mf. No. 987. Originally from Misiones Province.

162532. Mf. No. 1286. Originally from Bolivia.

162533. Mf. No. 1287. Originally from Bolivia.

162534 to 162538. Originally from La Estanzuela Experiment Station, Uruguay.

162534. Mf. No. 1290.

162537. Mf. No. 1293.

162535. Mf. No. 1291.

162538. Mf. No. 1294.

162536. Mf. No. 1292.

162539. Mf. No. 1297. Originally from Bolivia.

162540. Mf. No. 1298. Grown in the Provinces of Salta and Jujuy.

162541. Mf. No. 667. Originally from the Laguna Larga zone of Córdoba.

162542 to 162549. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From France. Scions presented by G. Thoury, Saint-Hilaire-du-Harcouët, Manche. Received Feb. 25, 1948.

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| 162542. No. 1342. <i>Belle Fille</i> . | 162546. No. 3131. <i>Doux Lozan</i> . |
| 162543. No. 2112. <i>Petit Amer Doux</i> .
From Mortainais. | 162547. No. 3331. <i>Doux Tardif</i> . |
| 162544. No. 2232. <i>Belle de Crollon</i> . | 162548. No. 3332. <i>Pomme Thoury</i> . |
| 162545. No. 3124. <i>Grosse Mouche</i> . | 162549. No. 4234. <i>Boche</i> . |

162550 to 162558. PRUNUS spp. Rosaceae.

From New Jersey. Trees presented by the New Jersey Peach Council. Princeton. Received Feb. 25, 1948.

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| 162550 to 162554. PRUNUS PERSICA (L.) Batsch. Peach. | |
| 162550. <i>Constitution</i> . | 162553. <i>Honeygem</i> . |
| 162551. <i>Fallate</i> . | 162554. <i>Newcheer</i> . |
| 162552. <i>Frostqueen</i> . | |
| 162555 to 162558. PRUNUS PERSICA VAR. NECTARINA Ait. Nectarine. | |
| 162555. <i>Nectalate</i> . | 162557. <i>Nectaheart</i> . |
| 162556. <i>Nectacrest</i> . | 162558. <i>Nectarose</i> . |

162559. PRUNUS AVIUM L. Rosaceae. Sweet cherry.

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Feb. 26, 1948.

Originally from Arlington, Va.

Mary Hall.

162560. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From China. Seeds collected by William H. Zeh, Phoenix, Ariz. Received Feb. 17, 1948.

From Sinkiang Province.

162561 to 162563.

From China. Seeds presented by the Botanic Garden, Sun Yat-Sen's Memorial Park Commission, Nanking. Received Feb. 17, 1948.

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| 162561. <i>CAMELLIA OLEIFERA</i> Abel. Theaceae. | |
| 162562. <i>PINUS MASSONIANA</i> Lam. Pinaceae. | Pine. |
| 162563. <i>SESAMUM INDICUM</i> L. Pedaliaceae. | Sesame. |

162564 to 162575.

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Feb. 27, 1948.

162564 to 162568.

From seed companies in Buenos Aires.

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| 162564. <i>CICER ARIETINUM</i> L. Fabaceae. | Chickpea. |
| No. 164. Diharce and Company. | |
| 162565 and 162566. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| 162565. No. 169. <i>100 x 1</i> . Cale Alexandre and Company. | |
| 162566. No. 170. <i>Forty Days</i> . Cale Alexandre and Company. | |
| 162567 and 162568. <i>PISUM SATIVUM</i> L. Fabaceae. | Pea. |
| 162567. No. 166. <i>Cuarentinas</i> . Cale Alexandre and Company. | |

162564 to 162575.—Continued

162564 to 162568.—Continued

162567 and 162568.—Continued

162568. No. 173. *Orgullo del Mercado*. From Cale Alexandre and Company.

162569. SOLANUM sp. Solanaceae.

No. 190. Tubers cultivated by Dr. Parodi, Buenos Aires. Feb. 6, 1948. Wild potato. Plants rather small, with many rhizomes which form tubers.

162570 to 162575.

From seed companies in Buenos Aires.

162570. VICIA FABA L. Fabaceae.

Broadbean.

No. 171. Cale Alexandre and Company.

162571 to 162575. ZEA MAYS L. Poaceae.

Corn.

162571. No. 156. Sweet corn. Diharce and Company.

162572. No. 160. *Maiz Amarilla Evergreen*. Diharce and Company.162573. No. 161. *Black Mexican*. Diharce and Company.162574. No. 165. *Piamonte*. Cale Alexandre and Company.162575. No. 172. *Pisingallo*. Cale Alexandre and Company.

162576 to 162584.

From Sweden. Purchased from the General Swedish Seed Co., Ltd., Svalöf. Received Feb. 27, 1948.

162576 and 162577. FESTUCA ELATIOR L. Poaceae.

Meadow fescue.

162576. *Svalöf*. Early.162577. *Svalöf*. Late.

162578. FESTUCA RUBRA L.

Red fescue.

Svalöf Viking.

162579 to 162582. PHLEUM PRATENSE L. Poaceae.

Timothy.

162579. *Bore*.162581. *Gloria*.162580. *Bottnia*.162582. *Omnia*.

162583. POA PRATENSIS L. Poaceae.

Kentucky bluegrass.

Svalöfs Skandia II.

162584. TRIFOLIUM REPENS L. Fabaceae.

White clover.

Hero.

162585 to 162587. SACCHARUM. Poaceae.

Sugarcane.

From British Guiana. Cuttings presented by the Department of Agriculture, Georgetown. Received Feb. 27, 1948.

162585. D200/36.

162586. D14/34.

162587. D419/34.

162588 to 162595. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From England. Seeds presented by S. Ellerton, Woodham Mortimer, Maldon, Essex. Received Feb. 27, 1948.

162588. *ALS*.162592. *Picardie*.162589. *Desprez 80*.162593. *Swedish Iron III*.162590. *Drott Red*.162594. *Weibulls Std*.162591. *Juliana*.162595. *Wilhelmina*.

162596 to 162601. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 1, 1948.

A series of cultivated peanut strains under test at the Instituto Experimental de Investigaciones y Fomento, Santa Fe.

162596. No. 6456.

162599. No. 6650.

162597. No. 6475.

162600. No. 6651.

162598. No. 6608.

162601. No. 6662.

162602. RHODODENDRON MARIESSII Hemsl. & Wils. Ericaceae.

From China. Seeds presented by C. K. Sheng, Botanic Garden, Sun Yat-Sen's Memorial Park Commission, Nanking. Received Feb. 27, 1948.

162603 to 162612.

From China. Seeds presented by the National Peking University, Peiping. Received Mar. 2, 1948.

162603 and 162604. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.162603. *IWO Feng.*162604. *Hsiao Hua Sheng.*

162605 to 162608. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.162605. *Hsiao Pien Chiao.*162607. *Ta Pien Chiao.*162606. *Niu Chiao Chiao.*162608. *Teng Lung Chiao.*162609 and 162610. HELIANTHUS ANNUUS L. Asteraceae. **Common sunflower.**162609. *Hei Chian Jih Lien.*162610. *Pai Chuan Jih Lien.*

162611. SESAMUM INDICUM L. Pedaliaceae.

Sesame.*I Ken Pein.*

162612. SORGHUM VULGARE Pers. Poaceae.

*Tien Kao Liang.***162613 and 162614. MALUS SYLVESTRIS Mill. Rosaceae. Apple.**

From Iowa. Scions presented by the United States Plant Introduction Garden, Iowa State College, Ames. Received Mar. 2, 1948.

162613. *Ames 104.*162614. *Clark Dwarf.***162615 to 162619. PRUNUS AVIUM L. Rosaceae. Sweet cherry.**

From England. Scions presented by East Malling Research Station, Maidstone, Kent. Received Mar. 2, 1948.

162615. *Merton Bounty.*162618. *Merton Heart.*162616. *Merton Bigarreau.*162619. *Merton Premier.*162617. *Merton Favourite.***162620 to 162623.**

From Paraguay. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 2, 1948.

162620 to 162622. ARACHIS spp. Fabaceae.

162620. ARACHIS sp.

No. 244. *Casado.* Fairly abundant on silt soil; plants prostrate, spreading.

162620 to 162623.—Continued

162620 to 162622.—Continued

162621. *ARACHIS* sp.

No. 245. Near Fonciera.

162622. *ARACHIS* sp.

No. 246. Concepcion. Plants prostrate, spreading.

162623. *ANDROPOGON* sp. Poaceae.

No. 247. Cultivated at Fonciera. Feb. 19, 1948. A bunchgrass with long tough leaves up to 4 feet high; the roots are aromatic. Originally from Brazil.

162624 to 162626. SACCHARUM. Poaceae.**Sugarcane.**

From China. Cuttings presented by the National Bureau of Agricultural Research, Nanking. Received Mar. 4, 1948.

162624. CAC 113.

162625. Co 290.

162626. CP 29/116.

162627. DESMANTHUS sp. Fabaceae.

From British West Indies. Seeds presented by Thomas Phalin, Trinidad. Received Feb. 26, 1948.

162628. PHORMIUM COLENSOI Le Jolis. Liliaceae.

From New Zealand. Seeds presented by Duncan and Davies, Ltd., New Plymouth. Received Mar. 4, 1948.

162629 to 162631. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From England. Seeds purchased from Toogood & Sons, Ltd., Southampton. Received Mar. 4, 1948.

Selections from *Dwarf French*.162629. *Acquisition Everbearing Stringless*.162630. *Black Prince*.162631. *Masterpiece*.**162632 to 162635. VITIS VINIFERA** L. Vitaceae. **European grape.**

From Italy. Plants presented by Luigi Pirovano, Stabilimento Vitecola di Frutticoltura, Milan. Received Mar. 5, 1948.

162632. T. P. *Pirovano 315*.162634. T. P. 75 *Sultana Moscato*.162633. T. P. 108 *Piemonte*.

162635. (No data.)

162636 to 162644.

From Argentina. Seeds presented by the Ministry of Agriculture, Buenos Aires. Received Feb. 19, 1948.

162636. *BROMUS CATHARTICUS* Vahl. Poaceae.**Rescue grass.**

SD 47-24.

162637. *CHLORIS DISTICHOPHYLLA* Lag. Poaceae.

SD 47-26.

162638. *CHLORIS RETUSA* Lag.

SD 47-27.

162639. *ECHINOCHLOA CRUS-PAVONIS* (H. B. K.) Schult. Poaceae.

SD 47-46.

162640. *HORDEUM STENOSTACHYS* Godr. Poaceae.

SD 47-216.

162636 to 162644.—Continued

162641. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.
SD 47-31.

162642. *PASPALUM URVILLEI* Steud. Poaceae. Vasey grass.
SD 47-33.

162643. *TRICHACHNE INSULARIS* (L.) Nees. Poaceae.
SD 47-39.

162644. *TRICHACHNE PENICILLIGERA* (Speg.) Parodi.
SD 47-45.

162645. *PINUS GRIFFITHII* McClelland. Pinaceae.

From India. Seeds presented by the Forest Research Institute, New Forest, Dehra Dun. Received Feb. 27, 1948.

162646 and 162647. *SOLANUM QUITOENSE* Lam. Solanaceae. Naranjilla.

From Ecuador. Seeds obtained through Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 17, 1948.

From Saloya.

162646. *Agre*.

162647. *Dulce*.

162648 to 162650. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn. Fabaceae.

From Japan. Seeds collected by an unknown donor on Shikoku Island. Received Mar. 1, 1948.

162648. No. 1. North of Ikeda.

162649. No. 2. Near Motoyama.

162650. No. 3. Southwest of Kochi.

162651 to 162703.

From South America. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Feb. 16, 1948.

162651. *ADESMIA INCANA* Vog. Fabaceae.

No. 108. Instituto de Botanica Darwinion, San Isidro, Argentina. A yellow-flowered stoloniferous sand-loving perennial. Good forage; grows in areas with 28 to 40 inches annual rainfall.

162652. *ANDROPOGON* sp. Poaceae.

No. 137. Near Mercedes, Uruguay.

162653. *AVENA SATIVA* L. Poaceae. Common oats.

No. 106. *Avena Blanca*. Enrique Klein Company, Tucuman, Argentina.

162654 to 162659. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.

162654. No. 116. *Mani Blanca*. Seed store, Montevideo, Uruguay.

162655. No. 117. Market, Montevideo, Uruguay.

162656. No. 118. Dark-seeded type selected from stock of common *Mani Blanca*, from seed store, Montevideo, Uruguay. Jan. 19, 1948.

162657. No. 128. A good Spanish type oil peanut from La Estanzuela Experiment Station, Uruguay. Originally from Russia.

162658. No. 129. *Bassel Luize*. From La Estanzuela Experiment Station, Uruguay. Originally from Russia.

162651 to 162703.—Continued

162654 to 162659.—Continued

162659. No. 130. *Mani Indio*. Black peanut, very high in oil, from La Estanzuela Experiment Station, Uruguay. Originally from Brazil.

162660. *ARACHIS VILLOSA* Benth.

No. 135. On dry deep, coarse sand along Río de la Plata, Colonia, Uruguay. Jan. 26, 1948. Plants prostrate, spreading; stems 2 feet long; flowers abundant.

162661. *ARACHIS HYPOGAEA* L.

Common peanut.

No. 159. *Mani Colorado*. From Cale, Alexandre and Company, Buenos Aires, Argentina.

162662. *BAUHINIA CANDICANS* Benth. Fabaceae.

No. 185. Diharce and Company, Buenos Aires, Argentina. Shrub up to 15 feet high with white flowers and heart-shaped leaves.

162663. *BOUTELOUA MEGAPOTAMICA* (Spreng.) Kuntze. Poaceae.

No. 131. Dry rocky hills near Mercedes, Uruguay. Plants small, stoloniferous.

162664. *BROMUS CATHARTICUS* Vahl. Poaceae.

Rescue grass.

No. 158. *Cebadilla Australiana*. Diharce and Company, Buenos Aires, Argentina.

162665. *CICHORIUM INTYBUS* L. Asteraceae.

Chicory.

No. 133. Near Mercedes, Uruguay.

162666. *CHLORIS RETUSA* Lag. Poaceae.

No. 114. Villa Nogués, near Tucumán, Argentina. Jan. 13, 1948. A low-growing perennial.

162667. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 184. *Mendocina*. Diharce and Company, Buenos Aires, Argentina. Very long fruits.

162668. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

No. 178. Diharce and Company, Buenos Aires, Argentina.

162669 to 162671. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae.

Squash.

162669. No. 182. *Valenciano*. Diharce and Company, Buenos Aires, Argentina. Fruits of medium size, rounded; skin bright-orange; flesh sweet and delicate, orange-yellow.

162670. No. 181. *Criollo*. Diharce and Company, Buenos Aires, Argentina. Fruits rounded, of good keeping quality; flesh firm, of good flavor. Common type in markets.

162671. No. 175. *Forrajero*. Diharce and Company, Buenos Aires, Argentina. Stems up to 20 feet long; leaves dark-green spotted with gray; fruits very large, up to 100 pounds in weight; flesh yellowish-white.

162672. *DESMANTHUS DEPRESSUS* Humb. & Bonpl. Fabaceae.

No. 132. Río Negro Valley near Mercedes, Uruguay. Plants about 1 foot high; profuse seeder.

162673. *DESMODIUM CANUM* (Gmel.) Schinz & Thell. Fabaceae.

No. 109. Moist grassy places between Perico and San Juancito, Jujuy Province, Argentina. Plants 6 to 12 inches high; abundant in pastures in this area.

162674. *DIGITARIA PHAEOTHRIX* (Trin.) Parodi. Poaceae.

No. 124. Montevideo, Uruguay. A large bunchgrass, leaves long and slender, rather tough; considered important as forage.

162651 to 162703.—Continued

162675. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.
No. 105. *Klein*. Enrique Klein Company, Tucumán, Argentina.

162676. *HIPPEASTRUM* sp. Amaryllidaceae.

No. 120. Humid foothills, 2,000- to 6,000-foot altitude, San Pedro near Tucumán, Argentina, in clay soil. Plants 18 to 24 inches high; flowers orange-brown.

162677. *LANTANA* sp. Verbenaceae.

No. 139. Near Mercedes, Uruguay. Shrublike, spreading, 2 feet high; flowers abundant.

162678. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.

No. 127. La Estanzuela Experiment Station, Uruguay. Profusely stooling, with as many as 100 offshoots; highly rust-resistant.

162679. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

No. 179. *Genova*. Diharce and Company, Buenos Aires, Argentina. Wrinkled red fruits.

162680 to 162686. *PASPALUM* spp. Poaceae.

162680 to 162682. *PASPALUM DILATATUM* Poir. Dallis grass.

162680. No. 112. On grassy slopes at about 4,000 feet altitude. Anta Muerta, west of Tucumán, Argentina. The most important pasture species in this locality.

162681. No. 121. Sandy loam near Montevideo, Uruguay. Extra large seedheads.

162682. No. 125. On lawn, Museo Nacional, Montevideo, Uruguay. Seedheads large; sparsely stoolled.

162683. *PASPALUM PLICATULUM* Michx. Black grass.

No. 111. Grassy slope at Villa Nogués, near Tucumán, Argentina; altitude 4,000 feet.

162684. *PASPALUM NICORAE* Parodi.

No. 119. Southeast of Rivera, Uruguay.

162685. *PASPALUM PLICATULUM* Michx. Black grass.

No. 123. Montevideo, Uruguay. Jan. 20, 1948. An extra large strain.

162686. *PASPALUM* sp.

No. 138. Near Rivera, Uruguay. Jan. 22, 1948. Plants bluish-green, tough, about 18 inches high.

162687. *PAVONIA HASTATA* Cav. Malvaceae.

No. 134. In pure sand along Río de la Plata at Colonia, Uruguay. Jan. 26, 1948. Plant 3 feet high; flowers pink, about 1½ inches wide.

162688 and 162689. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

162688. No. 187. *Manteca Ramas*. Diharce and Company, Buenos Aires, Argentina. Feb. 3, 1948.

162689. No. 180. *Manteca Enano*. Diharce and Company, Buenos Aires, Argentina. Feb. 3, 1948.

162690. *STIPA TUCUMANA* Parodi. Poaceae.

No. 110. Grassy slopes above Villa Nogués, near Tucumán, Argentina. Tufted perennial. Jan. 13, 1948.

162651 to 162703.—Continued

- 162691 to 162693. *PISUM SATIVUM* L. Fabaceae. **Pea.**
 162691. No. 176. *Catalana*. Diharce and Company, Buenos Aires, Argentina. Seeds white. Feb. 3, 1948.
 162692. No. 177. *Cuarentona*. Diharce and Company, Buenos Aires, Argentina. Seeds cream-colored. Feb. 3, 1948.
 162693. No. 183. *Ojo Negro*. Diharce and Company, Buenos Aires, Argentina. Feb. 3, 1948.
162694. *SECALE CEREALE* L. Poaceae. **Rye.**
 No. 102. Enrique Klein Company, Tucumán, Argentina. Jan. 13, 1948.
162695. *SPARTIUM JUNCEUM* L. Fabaceae. **Weavers-broom.**
 No. 122. Grounds of Natural History Museum, Montevideo, Uruguay. Jan. 20, 1948.
162696. *TRIFOLIUM REPENS* L. Fabaceae. **White clover.**
 No. 113. Grassy slopes, Anta Nuerta, west of Tucumán, Argentina. Jan. 13, 1948.
162697. *VICIA DISPERMA* DC. Fabaceae.
 No. 126. Montevideo, Uruguay. Jan. 20, 1948.
162698. *VICIA FABA* L. **Broadbean.**
 No. 157. Diharce and Company, Buenos Aires, Argentina. Feb. 3, 1948.
162699. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**
 No. 186. *Tape*. Diharce and Company, Buenos Aires, Argentina. Feb. 3, 1948.
- 162700 to 162703. *ZEA MAYS* L. Poaceae. **Corn.**
 162700. No. 101. *Maiz Colorado Klein*. Klein Company, Tucumán, Argentina. Jan. 13, 1948.
 162701. No. 103. *Maiz Amarillo Canario Klein*. Jan. 13, 1948.
 162702. No. 104. *Maiz Colorado Cuarenton Klein*. Jan. 13, 1948.
 162703. No. 107. *Maiz Amarillo Klein*. Jan. 13, 1948.
162704. *EUCHLAENA MEXICANA* Schrad. Poaceae. **Teosinte.**
 From Mexico. Seeds collected by D. S. Correll, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 8, 1948.
 No. 14438. Cultivated in garden, Mexico City. Jan. 8, 1948.
162705. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**
 From Finland. Seeds presented by the Plant Breeding Station, Tamisto Malmi, Suomi. Received Feb. 26, 1948.
Tamisto Cocksfoot.
- 162706 to 162717. *MALUS SYLVESTRIS* Mill. Rosaceae. **Apple.**
 From France. Scions presented by the Pepinieres du Clos Normand, St. Hilaire-du-Harcouët, Manche. Received Mar. 10, 1948.
- | | |
|---|--|
| 162706. <i>Beau Roger</i> No. 1231. | 162713. <i>Maunerbe</i> No. 3231. |
| 162707. <i>Bedange Rouge</i> No. 3111. | 162714. <i>Doree de Guibou</i> No. 2111. |
| 162708. <i>Belle de Crollon</i> No. 2232. | 162715. <i>Doux Tardif</i> No. 3131. |
| 162709. <i>Belle Fille</i> No. 1342. | 162716. <i>Manche Rouge</i> No. 3111. |
| 162710. <i>Cartigny</i> No. 3231. | 162717. <i>Mettai</i> (<i>Sauvagion Ad-rienne</i>) No. 2232. |
| 162711. <i>Cete de Brebis</i> No. 3131. | |
| 162712. <i>Colozette</i> No. 3231. | |

162718 to 162744.

From France. Scions presented by the Nomblot-Bruneau, Bourg-la-Reine, Seine.
Received Mar. 10, 1948.

162718 to 162741.	MALUS SYLVESTRIS Mill.	Rosaceae.	Apple.
162718.	<i>Belle de Magny.</i>	162731.	<i>Jouveaux.</i>
162719.	<i>Blanc Mollet.</i>	162732.	<i>Launette.</i>
162720.	<i>Calville Du Mont Dore.</i>	162733.	<i>Marabot.</i>
162721.	<i>Crollon.</i>	162734.	<i>Martin Tessard.</i>
162722.	<i>Damelot.</i>	162735.	<i>Mottais.</i>
162723.	<i>Boutteville.</i>	162736.	<i>Mousset Roux.</i>
162724.	<i>Lande.</i>	162737.	<i>Muscadet de Seine Inferieure.</i>
162725.	<i>Directeur Lesage.</i>	162738.	<i>Omont.</i>
162726.	<i>Doux Courcier.</i>	162739.	<i>Passe Reine des Pommes.</i>
162727.	<i>Doux Joseph.</i>	162740.	<i>Peau D'Ane.</i>
162728.	<i>Douze au Gobet.</i>	162741.	<i>Reinette Tres Tardive.</i>
162729.	<i>Frequin Rouge.</i>		
162730.	<i>Generouse de Vitry.</i>		
162742 to 162744.	PYRUS COMMUNIS L.	Rosaceae.	Common pear.
162742.	<i>Edmond Labbe.</i>		
162743.	<i>General Koenig.</i>		
162744.	<i>General Leclerc.</i>		

162745 to 162754.

From England. Scions presented by the East Malling Research Station, Maidstone, Kent. Received Mar. 11, 1948.

162745.	× PRUNUS EFFUSA (Host) Schneid.	Rosaceae.	Duke cherry.
	<i>Belle de Choisy Duke.</i>		
162746 to 162748.	PRUNUS.		
162746.	<i>Mazel A (F. 386.)</i>		
162747.	<i>Mazel B (F. 227.)</i>		
162748.	<i>Mazel C (F. 228.)</i>		
162749.	MALUS.	Rosaceae.	
	Roberts No. 33. <i>Purple Crab.</i>		
162750 to 162754.	PRUNUS DOMESTICA L.	Rosaceae.	Common plum.
162750.	<i>Yellow Egg.</i>	162753.	<i>Kirko's Blue.</i>
162751.	<i>Angelina Burdett.</i>	162754.	<i>Late Transparent.</i>
162752.	<i>Golden Transparent.</i>		

162755. SAGITTARIA SAGITTIFOLIA L. Alismaceae.**Old World arrowhead.**

From the Orient. Corms obtained through the Bureau of Entomology and Plant Quarantine, Seattle, Wash. Received Mar. 11, 1948.

Corms white-fleshed, mealy, with bland taste. The flesh has no trace of bitterness usually associated with the small, more common variety.

162756. PENNISETUM CILIARE (L.) Link. Poaceae.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Mar. 4, 1948.

MK 99.

162757 and 162758.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Mar. 4, 1948.

162757. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

Ferax.

162758. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

Swallow.

162759 and 162760. TRIFOLIUM spp. Fabaceae.

Clover.

From Canada. Seeds presented by the Dominion Experiment Station, Lethbridge, Alberta. Received Mar. 4, 1948.

162759. *TRIFOLIUM ALEXANDRINUM* L.

Berseem.

Egyptian.

162760. *TRIFOLIUM MEDIUM* Huds.

Mammoth clover.

Zig-Zag.

162761. TRIFOLIUM PRATENSE L. Fabaceae.

Red clover.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Mar. 4, 1948.

Altaswede.

162762. ARACHIS sp. Fabaceae.

From Paraguay. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 15, 1948.

No. 274. From Botanic Gardens near Asunción. Feb. 28, 1948. Leaflets small, obtuse; roots swollen near crown; flowers a uniform lemon-color.

162763 and 162764. SOLANUM ACAULE var. SUBEXINTERRUPTUM Bitter. Solanaceae.

From Sweden. Seeds presented by Robert Lamm, Horticulturist, Alnarp, Akarp. Received Mar. 17, 1948.

162763. Natural tetraploid.

162764. Colchicine-induced octoploid.

162765. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

From England. Seeds presented by the American Embassy, London. Received Mar. 11, 1948.

162766 to 162768. MALUS SYLVESTRIS Mill. Rosaceae.

Apple.

From France. Scions presented by the F. Delaunay Nurseries, Angers, Maine-et-Loire. Received Mar. 15, 1948.

162766. *Bisquet.*

162767. *Marabot.*

162768. *Noel Deschamps.*

162769. ANANAS COMOSUS (L.) Merr. Bromeliaceae. Pineapple.

From Colombia. Offsets presented by the Department of Agriculture, Bogotá. Received Mar. 16, 1948.

162770 to 162771.

From China. Seeds presented by O. M. McConkey, Forage Crop Specialist, Nanking. Received Mar. 5, 1948.

162770. *LESPEDEZA BICOLOR* Turcz. Fabaceae.

Northern China.

162771. *PUERARIA LOBATA* (Willd.) Ohwi. Fabaceae.

Kudzu.

Kansu Province.

162772. *SORGHUM VULGARE* Pers. Poaceae.

From India. Seeds presented by the American Consul General, Bombay. Received Mar. 1, 1948.

162773 to 162799.

From Argentina and Uruguay. Seeds obtained by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 2, 1948.

Seeds collected in 1948.

162773 to 162778. From Buenos Aires, Argentina.

162773 and 162774. *AGROPYRON SCABRIGLUME* (Hack.) Parodi. Poaceae.

Cultivated, Lorenzo R. Parodi Grass Garden. Feb. 6.

162773. No. 197. A bunchgrass with seed heads about 3 feet tall.

162774. No. 201. Nearly 3 feet tall; moderately stooled.

162775 to 162777. *ANDROPOGON* spp. Poaceae.

162775. *ANDROPOGON LATERALIS* Nees.

No. 199. Cultivated, Lorenzo R. Parodi Grass Garden. Feb. 6. Not palatable except when young.

162776. *ANDROPOGON PANICULATUS* Lam.

No. 202. Cultivated, Lorenzo R. Parodi Grass Garden. Feb. 6. Bunchgrass about 3 feet tall; palatable only when young.

162777. *ANDROPOGON SACCHAROIDES* Swartz.

Silver beardgrass.

No. 200. In city park. Feb. 6. Plants 18 to 24 inches tall; common in native pastures over a major part of Argentina and Uruguay; palatable.

162778. *BRASSICA RAPA* L. Brassicaceae.

Turnip.

No. 163. *Nabo*. Cale, Alexandre and Company. Feb. 3. Cultivated for oil-seed.

162779. *BROMUS AULETICUS* Nees. Poaceae.

No. 204. Cultivated, Parodi Grass Garden. Feb. 6. Plants 2 to 3 feet tall, moderately stooled.

162780. *CANNABIS SATIVA* L. Moraceae.

Hemp.

No. 174. *Canamo*. Cale, Alexandre and Company. Feb. 3.

162781 and 162782. *CHLORIS* spp. Poaceae.

162781. *CHLORIS BERROI* Arech.

No. 155. Cultivated, garden of Faculty of Agronomy, Montevideo, Uruguay. Jan. 20. Tufted perennial.

162782. *CHLORIS POLYDACTYLA* (L.) Swartz.

No. 206. Cultivated, Parodi Grass Garden, Buenos Aires, Argentina. Feb. 6.

162783. *ELEUSINE TRISTACHYA* Lam. Poaceae.

No. 189. Roadside near Buenos Aires, Argentina. Feb. 6. A common pasture grass of Uruguay and Argentina.

162773 to 162799.—Continued

162784. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.

No. 167. Cale, Alexandre and Company, Buenos Aires, Argentina. Feb. 3.

162785. *HIPPEASTRUM* sp. Amaryllidaceae.

No. 154. Beguelo, near Mercedes, Uruguay. Jan. 25. Bulbous ornamental plant about 1 foot high; flowers pale-pink.

162786 to 162797. From Buenos Aires, Argentina.

162786. *LEPTOCHLOA CHLORIDIFORMIS* (Hack.) Parodi. Poaceae.

No. 192. From Parodi Grass Garden. Feb. 6.

162787. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

No. 162. *Pampa*. Cale, Alexandre and Company. Feb. 3.

162788 to 162794. Cultivated, Parodi Grass Garden. Feb. 6.

162788. *PANACUM RACEMOSUM* (Beauv.) Spreng. Poaceae.

No. 188.

162789 to 162794. *PASPALUM* spp. Poaceae.

162789. *PASPALUM COMMUNE* Lillo.

No. 196. Growing in shade; very tender.

162790. *PASPALUM HUMBOLDTIANUM* var. *STUCKERTII* Hack.

No. 203. Plants 2 feet tall, very hirsute.

162791. *PASPALUM NOTATUM* var. *SAURAE* Parodi.

No. 194. Inflorescence and leaves long and slender.

162792. *PASPALUM PAUCICILIATUM* (Parodi) Herter.

No. 193.

162793. *PASPALUM REGNELLII* Mez.

No. 195. A very tender and apparently palatable species.

162794. *PASPALUM SIMPLEX* Morong.

No. 198. About 3 feet tall, erect; seeds abundant; tender.

162795. *SECALE CEREALE* L. Poaceae.

Rye.

No. 168. *Dulce*. Cale, Alexandre and Company. Feb. 3.

162796. *SETARIA VAGINATA* Spreng. Poaceae.

No. 205. Cultivated, Parodi Grass Garden. Feb. 6. Plants 2 to 3 feet tall; tender.

162797. *SPOROBOLUS ARUNDINACEUS* (Griseb.) Kuntze. Poaceae.

No. 191. Cultivated, Parodi Grass Garden. Feb. 6. A tough bunchgrass.

162798 and 162799. *STYLOSANTHES* spp. Fabaceae.

162798. *STYLOSANTHES LEOCARPA* Vogel.

No. 152. Carrasco, near Montevideo, Uruguay. Jan. 19. Plants prostrate with a 2-foot spread, viscous, hairy.

162799. *STYLOSANTHES MONTEVIDENSIS* var. *INTERMEDIA* Vogel.

No. 153. Road to airport, Rivera, Uruguay. Jan. 22. Ascending, hairy, perennial herb.

162800. *ZEA MAYS* L. Poaceae.

Corn.

From the Belgian Congo. Seeds presented by the INEAC, Gandajika. Received Mar. 16, 1948.

162801. ARACHIS sp. Fabaceae.

From Brazil. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 16, 1948.

No. 277. Agricultural Experiment Station, Rio de Janeiro. Mar. 8, 1948. Plants prostrate, with stolons 30 inches long rooting at the nodes; said to grow in wet places and even to tolerate periods of standing water.

162802 and 162803. PRUNUS spp. Rosaceae.

From China. Scions presented by the National Forestry Research Bureau, Nanking. Received Mar. 16, 1948.

162802. *PRUNUS ARMENIACA* L.

Apricot.

Tenchu.

162803. *PRUNUS* sp.

(No data.)

162804 to 162811.

From Liberia. Seeds collected by J. T. Baldwin, Jr., William & Mary College, Williamsburg, Va. Received Mar. 22, 1948.

162804 and 162805. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

162804. Near Macca, Grand Cape Mount.

162805. Near Brewersville.

162806 to 162811. *SORGHUM* spp. Poaceae.

162806. *SORGHUM VULGARE* Pers.

Near Robertsport.

162807. *SORGHUM* sp.

Twenty miles east of Robertsport.

162808. *SORGHUM VULGARE* Pers.

Zuei, Western Province.

162809. *SORGHUM* sp.

Gela Forest, Western Province.

162810. *SORGHUM* sp.

Fisherman's Lake.

162811. *SORGHUM* sp.

Ten miles southeast of Robertsport.

162812 to 162814. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

From Argentina. Seeds presented by the Ministry of Agriculture, Buenos Aires. Received Mar. 22, 1948.

162812. No. 6471. Originally from Ecuador.

162813. No. 6472. A local variety.

162814. No. 6473. Originally from Taiwan, China.

162815 to 162854.

From Venezuela. Seeds collected by Carl E. Claassen, University of Nebraska, Lincoln. Received Mar. 22, 1948.

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|-------------------|----------------------|----------------------|--------------------------|
| 162815 to 162828. | HELIANTHUS ANNUUS L. | Asteraceae. | Common sunflower. |
| 162815. | 47-4. | <i>Skorospelki</i> . | Argentina. |
| 162816. | 47-6. | Argentina. | 162823. |
| 162817. | 47-8. | Canada. | 162824. |
| 162818. | 47-10. | Chile. | 162825. |
| 162819. | 47-11. | Chile. | 162826. |
| 162820. | 47-12. | Argentina. | 162827. |
| 162821. | 47-14. | Argentina. | 162828. |

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|-------------------|-----------------------|-----------|---------------------|
| 162829 to 162845. | PHASEOLUS VULGARIS L. | Fabaceae. | Common bean. |
| 162829. | I-121. | 162838. | I-430. |
| 162830. | I-135. | 162839. | I-442. |
| 162831. | I-138. | 162840. | I-555. |
| 162832. | I-396. | 162841. | I-573. |
| 162833. | I-397. | 162842. | Ven. 517. |
| 162834. | I-413. | 162843. | Ven. 47-174. |
| 162835. | I-414. | 162844. | Ven. 47-176. |
| 162836. | I-415. | 162845. | Ven. S-13. |
| 162837. | I-428. | | |

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|-------------------|---------------------|----------------|----------------------|
| 162846 to 162854. | RICINUS COMMUNIS L. | Euphorbiaceae. | Castorbean. |
| 162846. | No. 14. | 162851. | I-457. |
| 162847. | I-23. | 162852. | V-23. |
| 162848. | I-25. | 162853. | F ₂ seed. |
| 162849. | I-27. | 162854. | I-45-29. |
| 162850. | I-32. | | |

162855. PRUNUS PERSICA (L.) Batsch. Rosaceae. Peach.

From France. Trees presented by Dr. V. Evreinoff, Station La Flambelle, Toulouse. Received Mar. 22, 1948.

Precoce de Saumachez.

162856 to 162870. ARACHIS HYPOGAEA L. Fabaceae. Common peanut.

From Anglo-Egyptian Sudan. Seeds presented by the Gezira Research Farm, Wad Medani. Received Mar. 22, 1948.

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|---------|-----------------------|---------|---------------------------------|
| 162856. | <i>Abu Arbaa.</i> | 162864. | <i>Giza Bunch ECR/92.</i> |
| 162857. | <i>American.</i> | 162865. | <i>Indian ECR/270.</i> |
| 162858. | <i>Ashford.</i> | 162866. | <i>Jur.</i> |
| 162859. | <i>Baladi Bunch.</i> | 162867. | <i>Kitindi.</i> |
| 162860. | <i>Baladi Runner.</i> | 162868. | <i>Kordofan Central Africa.</i> |
| 162861. | <i>Barberton.</i> | 162869. | <i>Virginia B.</i> |
| 162862. | <i>Bari.</i> | 162870. | <i>Zandi.</i> |
| 162863. | <i>Big Japan.</i> | | |

162871 to 162873. VIGNA SINENSIS (Torner) Savi. Fabaceae.**Cowpea.**

From Costa Rica. Seeds presented by the IAIAS, Turrialba. Received Mar. 16, 1948.

162871. No. 1.

162872. No. 2.

162873. No. 3.

162874 and 162875. PRUNUS PERSICA (L.) Batsch. Rosaceae.**Peach.**

From Maryland. Trees growing at the Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbered Mar. 24, 1948.

Selections made by the Division of Fruit and Vegetable Crops and Diseases.

162874. B. 385.

162875. B. 2819.

162876 to 162932.

From Paraguay. Seeds obtained by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 12, 1948.

Collected in 1948.

162876. *ACROCOMIA TOTAI* Mart. **Phoenicaceae.****Palm.**

No. 211. *Cocoa*. Market, Asunción. Feb. 11. Palm 30 to 50 feet high; the nuts are harvested for vegetable oil.

162877. *AESCHYNOMENE SENSITIVA* Sw. **Fabaceae.**

No. 227. Between Caacupé and Piribebuy, La Cordillera. Feb. 14.

162878 to 162880. *ANDROPOGON* spp. **Poaceae.**162878 and 162879. *ANDROPOGON LATERALIS* Nees.

162878. No. 218. Between Caacupé and Paraguari. Feb. 14. Plants 6 to 7 feet high, caespitose; herbage coarse and unpalatable when old.

162879. No. 269. Between Villarrica and Mbocayaty. Feb. 25. Tall bunchgrass.

162880. *ANDROPOGON* sp.

No. 239. Open prairie near Fonciera. Feb. 19. Bunchgrass, up to 4 feet high.

162881 to 162883. *ARACHIS* spp. **Fabaceae.**162881. *ARACHIS GLABRATA* Benth.**Peanut.**

No. 245. Open prairie, Fonciera. Feb. 19. Taproots up to 1 inch thick.

162882 and 162883. *ARACHIS HYPOGAEA* L.**Common peanut.**

162882. No. 207. Cultivated, vicinity of Asunción. Feb. 10.

162883. No. 208. Cultivated by T. Rojas, near Asunción. Feb. 11. A type cultivated at the Mennonite Colony Philadelphia in the Northern Chaco where it is one of major crops.

162884. *AXONOPUS AFFINIS* Chase. **Poaceae.**

No. 213. Roadside between Caacupé and Paraguari. Feb. 14. Plants prostrate, stoloniferous, forming dense sod.

162885. *CALEA UNIFLORA* Less. **Asteraceae.**

No. 263. Between Villarrica and Mbocayaty. Feb. 25. Ornamental herb with a basal rosette and white daisylike flowers.

162876 to 162932.—Continued

162886. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
No. 253. Along railroad near Puerto Casado. Feb. 19.
162887. *CHLORIS POLYDACTYLA* (L.) Swartz. Poaceae.
No. 249. In heavy moist soil along railroad at Puerto Casado. Feb. 19. A tufted, fairly leafy grass.
162888. *TRICHLORIS MENDOCINA* (Phil.) Kurtz. Poaceae.
No. 251. Common along railroad near Puerto Casado. Feb. 19. Erect tufted grass, 3 to 4 feet high with much-branched culms.
- 162889 and 162890. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. **Squash.**
162889. No. 212. Near Caacupé. Feb. 14. Fruit pear-shaped, with short, thick neck, about 2 pounds in weight; flesh yellow.
162890. No. 242. Vicinity of Concepción. Feb. 20. Fruit deeply lobed, 1 to 2 pounds in weight; flesh firm, thick, yellow.
162891. *AESCHYNOMENE FALCATA* (Poir.) DC. Fabaceae.
No. 221. Between Caacupé and Paraguari. Feb. 14.
162892. *DIGITARIA LEIANTHA* (Hack.) Parodi. Poaceae.
No. 240. Open prairie near Fonciera. Feb. 19. Cespitose, 4 feet tall, foliage tough.
162893. *ERAGROSTIS EXPANSA* Link. Poaceae.
No. 214. Along road between Caacupé and Paraguari. Feb. 14. Erect, 20 inches high.
162894. *ERIOSEMA TACUAREMBOENSE* Arech. Fabaceae.
No. 224. Colonia Pirareta, between Piribebuy and Paraguari. Feb. 14. Erect, 3 feet or less; leaves large, trifoliate; flowers yellow.
162895. *GOSSYPIUM*. Malvaceae. **Cotton.**
No. 222. Southeast of Asunción. Feb. 14. Upland type cotton.
162896. *HYPARRHENIA RUFA* (Nees) Stapf. Poaceae.
No. 237. *Yaraguay*. Open prairie near Fonciera. Feb. 18. Foliage fine and tender.
162897. *MIMOSA INCANA* (Spreng.) Benth. Fabaceae.
No. 228. Colonia Pirareta, between Piribebuy and Paraguari. Feb. 14. Bush 4 to 5 feet tall.
162898. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**
No. 236. On river bank at Fonciera. Feb. 18. Plant 30 inches high; leaves narrow.
162899. *PAPPOPHORUM SUBBULBOSUM* Arech. Poaceae.
No. 250. Near Puerto Casado. Feb. 18. Tufted perennial with fair basal foliage; culms ascending, 2 to 3 feet tall, panicles purplish.
162900. *PAPPOPHORUM PAPPIFERUM* (Lam.) Ktze.
No. 252. Near Puerto Casado. Feb. 18. Large bunchgrass with glabrous foliage; resembles tall fescue.
- 162901 to 162906. *PASPALUM* spp. Poaceae.
162901 and 162902. *PASPALUM NOTATUM* Fluegge. **Bahia grass.**
162901. No. 215. Between Caacupé and Paraguari. Feb. 14.
162902. No. 261. Roadside near Caacupé. Feb. 24. Broad-leaved type; formerly fairly dense sod.
162903. *PASPALUM SECANS* Hitchc. & Chase.
No. 234. Low, wet prairie near Fonciera. Feb. 19. Tough bunchgrass, 3 to 4 feet high.

162876 to 162932.—Continued

162901 to 162906.—Continued

162904. *PASPALUM* sp.

No. 248. Puerto Casado. Feb. 19. Tall, leafy grass with smooth, broad leaves.

162905. *PASPALUM PLATYPHYLLUM* Schult.

No. 256. Bottom land in pasture. Barreto Ranch, southeast of Asunción. Feb. 24. Bunchgrass, 4 feet high, very erect.

162906. *PASPALUM URVILLEI* Steud.

Vasey grass.

No. 216. Between Caacupé and Paraguari. Feb. 14.

162907. *PECTIS ODORATA* Griseb. Asteraceae.

No. 238. Open fields near Fonciera. Feb. 18. Herb 1 to 2 feet high with abundant yellow flowers; the odoriferous herbage is rubbed on hands and face as insect repellent.

162908. *PHASEOLUS PROSTRATUS* Benth. Fabaceae.

No. 267. Roadside between Villarrica and Mbocayaty. Feb. 25. Clambering vine; flowers reddish-violet.

162909 and 162910. *PISUM SATIVUM* L. Fabaceae.

Pea.

162909. No. 254. *L. P. No. 4.* A pure-line selection grown at the Instituto Agronómica, Caacupé. Feb. 24.

162910. No. 255. *L. P. No. 7.* A selection grown at the Instituto Agronómica, Caacupé. Feb. 24.

162911. *RHYNCHOSIA HAGENBECKII* Harms. Fabaceae.

No. 225. Piribebuy, La Cordillera. Feb. 14. Erect, pubescent herb, 3 feet high.

162912 and 162913. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.

162912. No. 235. Along river at Fonciera. Feb. 18. Plants 10 to 12 feet high; seeds black.

162913. No. 241. Along river at Fonciera. Feb. 19. Plants 8 to 12 feet high; seeds white.

162914. *ROLLINIA* sp. Annonaceae.

No. 233. Colonia. Feb. 15. Shrub, 4 feet high.

162915. *SOLANUM* sp. Solanaceae.

No. 220. Caacupé. Feb. 14. Plant 2 to 3 feet high.

162916. *SOLANUM* sp.

No. 270. Near Puerto Casado. Feb. 18. Herb, 2 feet high; flowers purplish-white.

162917 to 162920. *STYLOSANTHES* spp. Fabaceae.162917 and 162918. *STYLOSANTHES GRACILIS* H. B. K.

162917. No. 223. Banks of Paraguay River, Asunción. Feb. 13. Semi-prostrate perennial.

162918. No. 226. Near Itangua. Feb. 14.

162919. *STYLOSANTHES MONTEVIDENSIS* Vogel.

No. 260. In red clay of pasture, Barreto Ranch, southeast of Asunción. Feb. 24. Plants erect, 18 to 30 inches high.

162920. *STYLOSANTHES GRACILIS* H. B. K.

No. 268. Three km. northeast of Villarrica on road to Mbocayaty. Feb. 25.

162876 to 162932.—Continued

162921. *TECOMA ARGENTEA* Bur. & Schum. Bignoniaceae.

No. 243. *Para Todo*. Near Fonciera. Feb. 19. A common tree up to 60 feet high with ornamental yellow flowers.

162922. *TEPHROSIA RUFESCENS* Benth. Fabaceae.

No. 262. Between Villarrica and Mbocayaty. Feb. 25. Plant prostrate, vetchlike.

162923. *TRICHACHNE INSULARIS* (L.) Nees. Poaceae.

No. 219. Between Caacupé and Paraguari. Feb. 14. A common grass, 4 feet tall.

162924 and 162925. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**

162924. No. 259. *Xape 3443 II L8*. A selection grown at the Instituto Agronómica, Caacupé. Feb. 24. Hardy and heavy yielding.

162925. No. 264. Market at Villarrica. Feb. 25.

162926 to 162931. *ZEA MAYS* L. Poaceae. **Corn.**

162926. No. 209. Market in Asunción. Feb. 11. A small yellow corn used for human food.

162927. No. 210. Market at Asunción. Feb. 11. Dark-red corn in very small cone-shaped ears.

162928. No. 257. Instituto Agronómica, Caacupé. Feb. 24. A good-yielding variety said to be developed from Venezuelan flint corn.

162929. No. 258. Instituto Agronómica, Caacupé. Feb. 24. A good-yielding variety.

162930. No. 265. Market, Villarrica. Feb. 25. A yellow corn with uniform ears about 6 inches long.

162931. No. 266. Market, Villarrica. Feb. 25. White corn with slender ears 6 to 8 inches long; flint type.

162932. *ZORNIA DIPHYLLA* (L.) Pers. Fabaceae.

No. 217. Between Caacupé and Paraguari. Feb. 14. Plants prostrate, up to 18 inches high.

162933. *ZEA MAYS* L. Poaceae. **Corn.**

From Iraq. Seeds presented by Darwish El-Haidari, Director General of Agriculture, Baghdad. Received Mar. 24, 1948.

162934 to 162945. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae. **Ramie.**

From Indonesia. Seeds presented by the Agricultural Experiment Station, Buitenzorg, Java. Received Mar. 26, 1948.

162934. *Bandoeng C* 162940. *Poedjon E*.

162935. *Djawa Timoer A*. 162941. *Poedjon 1*.

162936. *Djawa Timoer 2-01*. 162942. *Poedjon 5-01*.

162937. *Djawa Timoer B*. 162943. *Poedjon 6-01*.

162938. *Lembang*. 162944. *Poedjon 7-01*.

162939. *Poedjon A*. 162945. *Poedjon 13*.

162946 to 162949. *GOSSYPIMUM*. Malvaceae. **Cotton.**

From the Belgian Congo. Seeds presented by the INEAC, Bambesa. Received Mar. 26, 1948.

162946. *Stoneville 04*. 162948. *Stoneville A*.

162947. *Stoneville 2*. 162949. *Stoneville 5B*.

162950 and 162951. NICOTIANA RUSTICA L. Solanaceae.**Aztec tobacco.**

From India. Seeds presented by the Central Tobacco Research Station, Rajahmundry, Central Provinces. Received Mar. 26, 1948.

162950. From United Provinces.

162951. *New Pusa* 18.

162952 to 162962.

From the Belgian Congo. Seeds presented by the INEAC, Stanleyville. Received Mar. 15, 1948.

162952. BRACHIARIA BRIZANTHA (Hochst.) Stapf. Poaceae. Palisade grass.

162953. CYNODON PLECTOSTACHYUM (K. Schum.) Pilg. Poaceae. Star grass.

162954. DIGITARIA SCALARUM (Schweinf.) Chiov. Poaceae.

162955. HYPARRHENIA CYMBARA (L.) Stapf. Poaceae.

162956. HYPARRHENIA RUFA (Nees) Stapf.

162957. LOUDETIA ARUNDINACEA (Rich.) Steud. Poaceae.

162958. MELINIS MINUTIFLORA Beauv. Poaceae.

Molasses grass.

162959. PENNISETUM PURPUREUM Schumach. Poaceae.

Napier grass.

162960. PENNISETUM TRACHYPHYLLUM Pilger.

162961. PENNISETUM UNISSETUM (Nees) Benth.

162962. SETARIA SPHACELATA (Schum.) Stapf & Hubb. Poaceae.

162963 to 162967.

From China. Seeds presented by the Lu Shan Botanical Garden, Kuling, Kiukiang. Received Mar. 23, 1948.

162963. CAMELLIA PITARDII Cohen Stuart. Theaceae.

162964. MAGNOLIA DELAVAYI Franch. Magnoliaceae.

162965. PINUS ARMANDII Franch. Pinaceae.

Armand pine.

162966. RHODODENDRON MICROPHYTON Franch. Ericaceae.

162967. TSUGA CHINENSIS (Franch.) Pritz. Pinaceae.

Chinese hemlock.

162968 to 162975. MALUS. Rosaceae.

From Canada. Scions presented by the Experimental Station, Morden, Manitoba. Received Mar. 29, 1948.

162968. *Ornamental Crab*, S-1a-29.

162972. Hopa Seedlings No. 1.

162969. *Alfred*.

162973. Hopa Seedlings No. 3.

162970. *Louise*.

162974. *Scugog*.

162971. *M. R.* 457.

162975. *Cowichan*.

162976 to 163005. BROMUS spp. Poaceae.

From Argentina. Seeds obtained by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Mar. 3, 1948.

A series of brome-grass selections under test at the Instituto Experimental de Investigaciones y Fomento, Santa Fe.

162976 to 162983. BROMUS CATHARTICUS Vahl.

Rescue grass.

162976. 47-11 (16).

162980. 47-12 HM-1.

162977. 47-9 OF.

162981. 47-27 (55).

162978. 47-19 OT-1.

162982. 47-8 (56).

162979. 47-12 OF-1.

162983. 47-21 (5).

162976 to 163005.—Continued

162984. *BROMUS* sp.
47-6 OM-1.
162985. *BROMUS* sp.
47-28 OL.
162986. *BROMUS* sp.
47-7 (38).
162987. *BROMUS* sp.
47-29 (10).
162988. *BROMUS* sp.
47-15 OE-1.
162989. *BROMUS* sp.
47-23 (29).
162990. *BROMUS* sp.
47-4 OM.
162991. *BROMUS CATHARTICUS* Vahl. Rescue grass.
47-16 OK-1.
162992. *BROMUS* sp.
47-1 GB-1.
162993. *BROMUS* sp.
47-26 (49).
162994. *BROMUS* sp.
47-2 IR-1.
- 162995 and 162996. *BROMUS CATHARTICUS* Vahl. Rescue grass.
162995. 47-20 OM-1.
162996. 47-25 (46).
162997. *BROMUS* sp.
47-22 (23).
- 162998 and 162999. *BROMUS CATHARTICUS* Vahl. Rescue grass.
162998. 47-10 OS.
162999. 47-5 OT.
163000. *BROMUS* sp.
47-24 (34).
163001. *BROMUS* sp.
47-13 LF-1.
- 163002 to 163004. *BROMUS CATHARTICUS* Vahl. Rescue grass.
163002. 47-18 OS-1.
163003. 47-30 *Diharce*.
163004. 47-3 OE.
163005. *BROMUS* sp.
47-17 OL-2.

163006. *AVENA SATIVA* L. Poaceae. Common oats.

From Australia. Seeds presented by the Ministry of Agriculture, Melbourne, Victoria. Received Mar. 29, 1948.

Orient.

163007 to 163011. POPULUS TREMULA L. Salicaceae.**European aspen.**

From Sweden. Plants presented by the Forest Tree Breeding Institute, Ekebo, Kallstorp. Received Mar. 3, 1948.

163007. *Romora*. Triploid. (Male.)

163010. *Gravsnas C*. Triploid. (Female.)

163008. *Pukerud*. Diploid. (Female.)

163011. *Clon 1937*. Tetraploid. (Male.)

163009. *Vreten*. Triploid.

163012 and 163013. GOSSYPIMUM. Malvaceae.**Cotton.**

From El Salvador. Seeds collected by O. A. Pope, Office of Foreign Agricultural Relations, Washington, D. C. Received Mar. 29, 1948.

163012. *Metapan*. Wild cotton.

163013. (No data.)

163014. STROPHANTHUS HISPIDUS DC. Apocynaceae.

From Maryland. Seeds received from an unknown donor, at the United States Plant Introduction Garden, Glenn Dale. Numbered in March 1948.

163015 to 163020. FRAGARIA. Rosaceae.**Strawberry.**

From the Netherlands. Plants presented by the Laboratorium Tuinbouwplantenteelt, Wageningen. Received Mar. 30, 1948.

163015. *Deutsche Evern*.

163018. *Madame Moulot*.

163016. *Jucunda*.

163019. *Mizzie Schindler*.

163017. *Madame Lefebvre*.

163020. *Oberschlesien*.

163021 to 163056. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 30, 1948.

163021 to 163035. From the Central Provinces.

Gaon and *Gahun* are native names for wheat in India.

163021 to 163025. From Mandla.

163021. No. 8316. Dec. 2, 1947. Spring type.

163022. No. 8317. Dec. 2, 1947. Spring type.

163023. No. 8319. Dec. 3, 1947.

163024. No. 8321. Dec. 3, 1947. Originally from Sind. Spring type.

163025. No. 8322. Dec. 4, 1947. Spring type.

163026 to 163029. From the Department of Agriculture, Jubbulpore. Dec. 5, 1947.

163026. No. 8328. *IP 52*.

163027. No. 8330. *IP 52*. Selection from early Pusa type.

163028. No. 8331. *A 115*.

163029. No. 8337. *A 090*. Selection from reddish headed Punjab type.

163030. No. 8346. *Rithi*. Dec. 10, 1947. Spring type; probably rust-susceptible.

163031. No. 8347. *Barkhera*. Dec. 11, 1947. Spring type.

163032. No. 8350. *Bheraghat*. April 1946. Beardless, spring type.

163033. No. 8351. *Bheraghat*. April 1946. Spring type.

163034. No. 8353. *Bina*. Dec. 16, 1947. Spring type.

163035. No. 8356. *Bina*. Dec. 17, 1947. Spring type.

163021 to 163056.—Continued

163036. No. 8364. *Gandum Gandahari*. Originally from Kurdistan, Iran. April 1945. Spring type.

163037. No. 8387. Amritsar, western Punjab. Dec. 26, 1947.

163038. No. 8392. Bina, Central Provinces. Dec. 15, 1947. Spring type.

163039 to 163054. From eastern Punjab.

163039. No. 8440. *Kanak*. Katla, Kangra District. Winter type.

163040. No. 8443. *Gehun Matanka*. Shim, Kulu Valley. Jan. 2, 1948. Winter type.

163041. No. 8445. Kulu, Kulu Valley. Jan. 3, 1948. Winter type.

163042. No. 8446. Negrota, Kangra Valley. Jan. 3, 1948. Long-season type.

163043. No. 8448. *Gehun Mundal*. Katla, Kangra Valley. Jan. 3, 1948.

163044. No. 8450. Kulu, Kulu Valley. Jan. 4, 1948. Winter type; probably local.

163045. No. 8453. Kulu, Kulu Valley. Jan. 5, 1948. Provided by the Punjab Government.

163046. No. 8460. Lug, Kulu Valley. Native winter type.

163047. No. 8464. Mandi, Mandi State. Jan. 6, 1948.

163048. No. 8466. Naggur, Kulu Valley. Winter type.

163049. No. 8471. *Matanka Kanak*. Kulu Valley. Winter type.

163050. No. 8485. Katla, Kangra Valley. Jan. 10, 1948. Originally brought from Punjab area. Winter type.

163051. No. 8486. Katla, Kangra Valley. Jan. 11, 1948.

163052. No. 8487. *Mandel Gehun*. Katla, Kangra Valley. Jan. 11, 1948.

163053. No. 8488. *Gehun Farami*. Katla, Kangra Valley. Jan. 11, 1948. Winter type.

163054. No. 8490. *Mandel Gehun*. Katla, Kangra Valley. Jan. 11, 1948.

163055. No. 8539. *Kanak*. Jullundur, central Punjab. Jan. 19, 1948. Spring type.

163056. No. 8534. Jullundur, central Punjab. Jan. 19, 1948. Spring type.

163057 and 163058. AVENA SATIVA L. Poaceae. Common oats.

From the Netherlands. Seeds presented by R. J. Mansholt, Westpolder, Groningen. Received Mar. 30, 1948.

163057. *Mansholt's III*.

163058. *Mansholt's Wodan*.

163059. ZEA MAYS L. Poaceae. Corn.

From Iraq. Seeds presented by Darwish El-Hardari, Director General of Agriculture, Baghdad. Received Apr. 13, 1948.

Halton. Originally from Penjaba, India.

163060 to 163067.

From India. Plant material collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 30, 1948.

163060 to 163065. CITRUS spp. Rutaceae.

From eastern Punjab. (Seeds.)

163060 to 163067.—Continued**163060 to 163065.—Continued****163060. CITRUS sp.**

No. 8475. *Gulgul*. Patli Kul, Kulu Valley. Jan. 8, 1948. Fruits large, with pleasant acid flavor.

163061. CITRUS sp.

No. 8475. Patli, Kulu Valley.

163062. CITRUS sp.

No. 8477. Shim, Kulu Valley. Jan. 8, 1948.

163063. CITRUS sp.

No. 8478. Shim, Kulu Valley. Jan. 8, 1948.

163064. CITRUS sp.

No. 8479. Shim, Kulu Valley. Jan. 8, 1948.

163065. CITRUS sp.

No. 8494. *Turung*. Katla, Kangra Valley. Jan. 11, 1948. Fruit mildly acid; rind thick and sweet.

163066. ZEPHYRANTHES CARINATA Herb. Amaryllidaceae.

No. 8498. Chitland, Nepal. October 1947. Blooms in April with large pink flowers. (Bulbs.)

163067. (Undetermined.)

No. 8499. Ramanujganj, Surguja. October 1947. Flowers large and white, appearing in late summer. (Bulbs.)

163068. ANANAS COMOSUS (L.) Merr. Bromeliaceae. Pineapple.

From Colombia. Offsets presented by the Ministry of National Economy, Bogotá. Received Mar. 30, 1948.

Near Mitu, Vaupes.

163069. PSIDIUM GUAJAVA L. Myrtaceae.**Guava.**

From Egypt. Budsticks presented by M. Bahgat, Ministry of Agriculture, Giza. Received Mar. 31, 1948.

163070 to 163089. HORDEUM VULGARE L. Poaceae.**Barley.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 31, 1948.

163070 to 163077. From Central Provinces.

163070. No. 8286. *Jau*. Jubbulpore. Nov. 28, 1947.

163071. No. 8287. *Marua Jau*. Jubbulpore. Nov. 28, 1947.

163072. No. 8292. *Marua Jau*. Jubbulpore. Nov. 29, 1947. Spring type.

163073. No. 8298. *Jau*. Jubbulpore. Nov. 29, 1947. Spring type.

163074. No. 8301. *Jau*. Jubbulpore. Dec. 1, 1947. Spring type.

163075. No. 8399. *Marua Java*. Bheraghat. Dec. 7, 1947.

163076. No. 8345. *Java*. Rithi. Dec. 10, 1947. Spring type.

163077. No. 8354. *Bina*. Dec. 16, 1947.

163078. No. 8358. *Jau*. Amritsar, western Punjab. Dec. 21, 1947. Spring type.

163079. No. 8438. *Jau*. Delhi. Dec. 20, 1947. Spring type.

163080. No. 8441. Katla, Kangra District. Dec. 31, 1947. Winter type.

163081. No. 8442. *Salzot*. Kolung, Lahul, eastern Punjab. Jan. 2, 1948.

163070 to 163089.—Continued

163082 to 163086. Kulu Valley, eastern Punjab. Jan. 7, 1948. Winter type.

163082. No. 8444. *Nanga Jau*. Shim.

163083. No. 8449. *Jau*. Shim.

163084. No. 8458. *Jau*. Naggar.

163085. No. 8465. *Jau*. Lug.

163086. No. 8473. *Jau*. Kulu.

163087. No. 8489. *Jau*. Kangra Valley, eastern Punjab. Jan. 11, 1948. Winter type.

163088. No. 8497. *Jau*. Mandi, Mandi State. Jan. 7, 1948.

163089. No. 8531. *Jau*. Jullundur, central Punjab. Jan. 19, 1948. Spring type.

163090. LILIUM NEILGHERRENSE Wight. Liliaceae.

From India. Bulbs presented by G. M. Harley, Ootacamund, Nilgiri. Received Mar. 31, 1948.

163091. PRUNUS MAHALEB L. Rosaceae. Mahaleb cherry.

From Spain. Seeds presented by Ramon Sala Roqueta, Patronato de Biología Aplicada de Bon, Lérida. Received Mar. 18, 1948.

163092 to 163094. LESPEDEZA spp. Fabaceae.

From China. Seeds presented by an unknown donor, Hong Kong. Received Mar. 26, 1948.

163092. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don.

No. 96.

163093. *LESPEDEZA HEDYSAROIDES* (Pallas) Ricker.

No. 98.

163094. *LESPEDEZA TOMENTOSA* (Thunb.) Sieb.

No. 100.

163095 to 163097. RHODODENDRON. Ericaceae. Azalea.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Apr. 1, 1948.

Selections made by B. Y. Morrison.

163095. *Argosy*.

163096. *Madrigal*.

163097. *Carnival*.

163098. RHYNCHOSIA sp. Fabaceae.

From Puerto Rico. Seeds presented by Thomas Phalin, A. P. O., Miami, Fla. Received Mar. 26, 1948.

163099. DAUCUS CAROTA L. Apiaceae. Carrot.

From China. Seeds presented by D. C. Graham, Chengtu, Szechwan. Received Mar. 29, 1948.

163100 to 163145.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 31, 1948.

163100 and 163101. ARACHIS HYPOGAEA L. Fabaceae. Common peanut.

163100. No. 8280. *Mung Fali*. Jubbulpore, Central Provinces. Nov. 28, 1947.

163101. No. 8355. *Mung Fali*. Bina, Central Provinces. Dec. 18, 1947.

163100 to 163145.—Continued

163102. *AVENA SATIVA* L. Poaceae. **Common oats.**
No. 8359. *Java*. Amritsar, western Punjab. Dec. 22, 1947. Grown as green fodder.
- 163103 and 163104. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**
163103. No. 8423. *Gawar*. Delhi. Dec. 20, 1947.
163104. No. 8329. *Gawar*. Jubbulpore, Central Provinces. Dec. 5, 1947.
- 163105 and 163106. *DOLICHOS LABLAB* L. Fabaceae. **Hyacinth-bean.**
163195. No. 8405. Delhi. Dec. 20, 1947. Green pods eaten as vegetables.
163106. No. 8413. *Sem*. Delhi. Dec. 20, 1947.
163107. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**
No. 8361. *Lusern*. Amritsar, western Punjab. Dec. 22, 1947.
- 163108 and 163109. *ORYZA SATIVA* L. Poaceae. **Rice.**
163108. No. 8305. Gorakhpur, United Provinces. Feb. 1947.
163109. No. 8340. *Dhan*. Kanna-Kisla, Central Provinces. October 1947.
- 163110 to 163114. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**
163110. No. 8483. Katla, Kangra District, eastern Punjab. Jan. 10, 1948.
163111. No. 8504. Amritsar, western Punjab. Jan. 17, 1948.
163112. No. 8505. Amritsar, western Punjab. Oct. 17, 1947.
163113. No. 8522. Jullundur, central Punjab. Jan. 1, 1948.
163114. No. 8548. Patiala, Patiala State. Jan. 21, 1948.
- 163115 to 163124. *PHASEOLUS VULGARIS* L. **Common bean.**
163115. No. 8397. *Sem*. Delhi. Dec. 17, 1947.
163116. No. 8411. Delhi. Dec. 20, 1947.
163117. No. 8431. Delhi. Dec. 20, 1947.
- 163118 to 163121. Kulu Valley, eastern Punjab.
163118. No. 8447. *Rong*. Kulu. Jan. 3, 1948.
163119. No. 8456. *Jatu Rong*. Shim. Bush type.
163120. No. 8477. *Jatu Rong*. Kulu. Jan. 5, 1948. Bush type.
163121. No. 8459. *Kott*. Shim. Jan. 5, 1948.
163122. No. 8500. *Ruan*. Amritsar, western Punjab. Jan. 17, 1948.
163123. No. 8523. *Ruan*. Jullundur, central Punjab. Jan. 18, 1948.
163124. No. 8538. *Ruan*. Patiala, Patiala State. Jan. 20, 1948.
- 163125 to 163135. *PISUM SATIVUM* L. Fabaceae. **Pea.**
Matar, a native name for common peas.
163125. No. 8281. Jubbulpore, Central Provinces. Nov. 28, 1947.
163126. No. 8282. Jubbulpore, Central Provinces. Nov. 28, 1947.
163127. No. 8300. Jubbulpore, Central Provinces. Nov. 29, 1947.
163128. No. 8362. Amritsar, western Punjab. Dec. 22, 1947.
163129. No. 8398. Delhi. Dec. 17, 1947.
163130. No. 8427. Delhi. Dec. 20, 1947.
163131. No. 8463. Shim, Kulu Valley. Jan. 5, 1948.
163132. No. 8507. Amritsar, western Punjab. Jan. 18, 1948.
163133. No. 8530. Jullundur, central Punjab. Jan. 19, 1948.
163134. No. 8549. Patiala, Patiala State. Jan. 21, 1948.
163135. No. 8552. Patiala, Patiala State. Jan. 21, 1948.

163100 to 163145.—Continued

- 163136 to 163138. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**
 163136. No. 8344. *Til.* Katni, Central Provinces. Dec. 8, 1947.
 163137. No. 8482. *Til.* Katla, Kangra Valley. Jan. 10, 1948. Oilseed.
 163138. No. 8496. *Til.* Amritsar, western Punjab. Jan. 14, 1948. Oilseed.
 163139. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**
 No. 8420. Delhi. Dec. 20, 1947.
 163140. *SORGHUM VULGARE* Pers. Poaceae.
 No. 8535. *Jawar.* Patiala, Patiala State. Jan. 20, 1948.
 163141. *VICIA FABA* L. Fabaceae. **Broadbean.**
 No. 8402. Delhi. Dec. 20, 1947.
 163142 and 163143. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**
 163142. No. 8472. *Kor.* Shim, Kulu Valley, eastern Punjab. Jan. 7, 1948.
 163143. No. 8525. *Lobia.* Jullundur, central Punjab. Jan. 19, 1948.
 163144 and 163145. *ZEA MAYS* L. Poaceae. **Corn.**
 163144. No. 8493. *Makki.* Katla, Kangra Valley, eastern Punjab. Jan. 11, 1948. Interesting genetic golden type.
 163145. No. 8560. *Makki.* Patiala, Patiala State. Jan. 21, 1948.

163146 to 163167.

From Brazil. Seeds from the Instituto Agronómico, Campinas, São Paulo. Obtained by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 8, 1948.

- 163146 to 163150. *ARACHIS HYPOGAEA* L. Fabaceae. **Common peanut.**
 163146. No. 356. V. 40 Roxo.
 163147. No. 357. V. 49 Cateto.
 163148. No. 358. V. 50 Common.
 163149. No. 359. V. 53 Tatu.
 163150. No. 360. V. 120 Preto.
 163151. *CAJANUS CAJAN* (L.) Fabaceae. **Pigeonpea.**
 No. 362.
 163152. *CASSIA RETICULATA* Willd. Fabaceae.
 No. 363.
 163153 to 163156. *CINCHONA* spp. Rubiaceae.
 163153. *CINCHONA OFFICINALIS* × *PUBESCENS*.
 No. 364.
 163154. *CINCHONA OFFICINALIS* L.
 No. 365.
 163155. *CINCHONA OFFICINALIS* L.
 No. 366. *Vera.*
 163156. *CINCHONA PUBESCENS* Vahl.
 No. 367.
 163157. *CROTALARIA PAULINA* Schrank. Fabaceae.
 No. 368.
 163158. *DESMODIUM DISCOLOR* Vogel. Fabaceae.
 No. 370.

163146 to 163167.—Continued

163159. *INDIGOFERA SUFFRUTICOSA* Mill. Fabaceae. Indigo.
No. 369.
163160. *PACHYRHIZUS STRIGOSUS* Clausen. Fabaceae.
No. 371. A herbaceous climber, hispid throughout, with palmately lobed leaflets.
- 163161 to 163163. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.
163161. No. 372. Var. 38.
163162. No. 373. Var. 39.
163163. No. 374. Var. 269.
163164. *SECALE CEREALE* L. Poaceae. Rye.
No. 375. *Gaiyerowo*.
163165. *SESBANIA SESBAN* (L.) Merr. Fabaceae.
No. 376.
163166. *TEPHROSIA CANDIDA* DC. Fabaceae.
No. 377.
163167. *TEPHROSIA TOXICARIA* (Sw.) Pers.
No. 378.

163168 to 163170. *SOLANUM QUITOENSE* Lam. Solanaceae. Naranjilla.

From Ecuador. Seeds presented by Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Apr. 7, 1948.

From Quito.

163168. Fruit yellow with thick flesh.

163169. Fruit red.

163170. Fruit red and small.

163171 to 163272.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 31, 1948.

- 163171 to 163175. *ALLIUM CEPA* L. Liliaceae. Onion.
Pujaz, a native name for onion.
163171. No. 8299. Jubbulpore, Central Provinces. Nov. 29, 1947.
163172. No. 8380. Amritsar, western Punjab. Dec. 25, 1947.
163173. No. 8390. Lahore, Pakistan. Dec. 24, 1947.
163174. No. 8426. Delhi. Dec. 20, 1947. Globe red.
163175. No. 8544. Patiala, Patiala State. Jan. 20, 1948.
- 163176 to 163182. *BETA VULGARIS* L. Chenopodiaceae. Beet.
163176. No. 8284. *Palog*. Jubbulpore, Central Provinces. Nov. 28, 1947. A slender root form.
163177. No. 8368. *Palog*. Lahore, Pakistan. Dec. 24, 1947. A slender root type used for greens.
163178. No. 8393. *Choghundur*. Delhi. Dec. 17, 1947.
163179. No. 8501. *Choghundur*. Amritsar, western Punjab. Jan. 17, 1948.
163180. No. 8524. *Palak*. Jullundur, central Punjab. Jan. 19, 1948. Small root type.
163181. No. 8433. *Choghundur*. Delhi. Dec. 20, 1947. Small root type.
163182. No. 8550. *Choghundur*. Patiala, Patiala State. Jan. 21, 1948.

163171 to 163272.—Continued

163183 to 163201. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

Mirch, a native name for redpepper.163183. No. 8270. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit scarlet, $1\frac{1}{2}$ to 2 inches long, $\frac{3}{4}$ to 1 inch across base, attenuated; flesh sweet to mildly pungent.163184. No. 8271. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit scarlet to crimson, $1\frac{1}{4}$ to $1\frac{1}{2}$ inches long, 1 inch across base, blunt; flesh sweet to mildly pungent.163185. No. 8272. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit crimson, 1 to $1\frac{1}{4}$ inches long, bluntly bullnosed; flesh sweet to mildly pungent.163186. No. 8273. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit yellow, 3 by $\frac{5}{8}$ inches, mildly pungent.163187. No. 8274. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit scarlet to crimson, 3 to 4 inches by $\frac{5}{8}$ to $\frac{3}{4}$ inches, hot.

163188. No. 8275. Jubbulpore, Central Provinces. Nov. 28, 1947. Fruit crimson, 3 by 1 inch at base, attenuated, hot.

163189. No. 8352. Rithi, Central Provinces. Dec. 15, 1947. Fruit small, conical, red-hot type.

163190. No. 8357. Amritsar, western Punjab. Dec. 21, 1947. Fruit red, blunt conical, 1 to $1\frac{1}{2}$ inches, mild.163191. No. 8365. Amritsar, western Punjab. Dec. 24, 1947. Fruit yellow, thin, elongate, 3 by $\frac{1}{2}$ inch, hot.

163192 to 163197. From Delhi. Dec. 20, 1947.

163192. No. 8407.

163195. No. 8422. Sweet type.

163193. No. 8418. Large bull-nosed type.

163196. No. 8430.

163194. No. 8421.

163197. No. 8434. Bullnosed type.

163198. No. 8536. Patiala, Patiala State. Jan. 20, 1948. Fruit yellow, 3 inches long, hot.

163199. No. 8537. Patiala, Patiala State. Jan. 20, 1948.

163200. No. 8480. Bajaura, Kulu Valley, eastern Punjab. Jan. 8, 1948.

163201. No. 8481. Katla, Kangra District, eastern Punjab. Jan. 10, 1948.

163202 to 163205. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.163202. No. 8386. *Hinduana*. Amritsar, western Punjab. Dec. 25, 1947.163203 to 163205. *Tarbuza*.

163203. No. 8502. Amritsar, western Punjab. Jan. 17, 1948.

163204. No. 8509. Amritsar, western Punjab. Jan. 18, 1948.

163205. No. 8521. Jullundur, central Punjab. Jan. 19, 1948.

163206 to 163212. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

163206. No. 8289. *Kharbuza*. Jubbulpore, Central Provinces. Nov. 28, 1947.163207. No. 8348. *Phutkharbuza*. Ramanujganj, Surguja. Oct. 1, 1947. Fruit subglobose, 8 inches long, pale-lemon, smooth. Flesh white, mealy, much like boiled potato, apple-scented; cavity solid with seeds.163208. No. 8367. *Kharbuza*. Lahore, Pakistan. Dec. 24, 1947.163209. No. 8512. *Sarda*. Amritsar, western Punjab. Jan. 18, 1948. A long-keeping type.163210. No. 8513. *Kharbuza Marshri*. Amritsar, western Punjab. Jan. 18, 1948.

163171 to 163272.—Continued

163206 to 163212.—Continued

163211. No. 8520. *Kharbuza*. Jullundur, central Punjab. Jan. 19, 1948.

163212. No. 8547. *Kharbuza*. Patiala, Patiala State. Jan. 21, 1948.

163213 to 163223. *CUCUMIS SATIVUS* L.

Cucumber.

163213. No. 8288. *Khira*. Jubbulpore, Central Provinces. Nov. 28, 1947.

163214. No. 8294. *Khira*. Jubbulpore, Central Provinces. Nov. 29, 1947.
Grown during January to April.

163215. No. 8306. *Hetora*, Nepal. May 1947. Fruit obovoid, yellow blotched with green, $2\frac{1}{2}$ inches long.

163216. No. 8307. Belwani, Central Provinces. September 1946. Fruit said to be very long.

163217. No. 8338. *Khira*. Jubbulpore, Central Provinces. Dec. 6, 1947.
Fruit 12 by 4 inches, russet; flesh bright salmon.

163218. No. 8385. *Khira*. Amritsar, western Punjab. Dec. 25, 1947.

163219. No. 8399. *Kakri Luknowi*. Delhi. Dec. 17, 1947.

163220. No. 8414. *Kakri*. Delhi. Dec. 20, 1947.

163221. No. 8503. *Khira*. Amritsar, western Punjab. Jan. 1, 1948.

163222. No. 8514. *Khira*. Amritsar, western Punjab. Jan. 18, 1948.

163223. No. 8526. *Kakri*. Jullundur, central Punjab. Jan. 19, 1948.

163224. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 8376. *Kadu Sipaphat*. Lahore, Pakistan. Dec. 24, 1947. Large ribbed type, orange, long keeper.

163225 to 163227. *CUCURBITA MAXIMA* Duchesne.

Squash.

Kulu Valley, eastern Punjab.

163225. No. 8467. *Kadu*. Shim.

163226. No. 8468. *Kadu*. Shim. Jan. 6, 1948.

163227. No. 8470. *Kadu*. Kulu.

163228 to 163232. *CUCURBITA MOSCHATA* Duchesne.

Cushaw.

163228. No. 8302. *Kadu*. Jubbulpore, Central Provinces. Dec. 1, 1947.

163229. No. 8320. *Kadu*. Mandla, Central Provinces. Dec. 3, 1947. Fruit obovoid, 18 inches long, ribbed, orange blotched with green. Flesh $2\frac{1}{2}$ inches, deep-gold.

163230. No. 8382. *Kadu*. Amritsar, western Punjab. Dec. 25, 1947.

163231. No. 8396. *Kashiphal*. Delhi. Dec. 17, 1947.

163232. No. 8469. *Gangeri*. Shim, Kulu Valley, eastern Punjab.

163233 to 163241. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

163233. No. 8283. *Gajar*. Jubbulpore, Central Provinces. Nov. 28, 1947.

163234. No. 8293. *Gajar*. Jubbulpore, Central Provinces. Nov. 29, 1947.

163235. No. 8369. *Gajar*, Lahore, Pakistan. Dec. 24, 1947.

163236. No. 8374. *Gajar*. Lahore, Pakistan. Dec. 24, 1947. Short, orange type.

163237. No. 8404. *Gajar Valaiti*. Delhi. Dec. 20, 1947.

163238. No. 8415. *Gajar*. Delhi. Dec. 20, 1947.

163239. No. 8425. *Gajar Desi*. Delhi. Dec. 20, 1947.

163240. No. 8517. Amritsar, western Punjab. Jan. 18, 1948. Long, black type.

163241. No. 8519. *Gajar*. Jullundur, central Punjab. Jan. 19, 1948.

163171 to 163272.—Continued

- 163242 and 163243. *LACTUCA SATIVA* L. Asteraceae. **Lettuce.**
 Delhi. Dec. 20, 1941.
 163242. No. 8416. *Salad*. Head lettuce.
 163243. No. 8429. *Salad*. Reported to be *Cos* type.
163244. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. **Calabash gourd.**
 No. 8379. *Ghiakader*. Amritsar, western Punjab. Dec. 25, 1947.
- 163245 to 163255. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
 163245 to 163249. From Jubbulpore, Central Provinces. Nov. 28, 1947.
 163245. No. 8275a. *Tomater*.
 163246. No. 8276.
 163247. No. 8277. Fruit flat, 5 inches in diameter, surface irregular, red.
 163248. No. 8278. Fruit elongate-flattened, 2 to 3 inches long, yellow.
 163249. No. 8279. Fruit globose, somewhat flattened, 4 inches in diameter, smooth, red.
 163250. No. 8342. Katni, Central Provinces. Dec. 8, 1947. Fruit 5 by 4 inches, flattened, smooth, red.
 163251. No. 8343. Katni, Central Provinces. Dec. 8, 1947. Fruit ovoid, 4 inches in diameter, red.
 163252. No. 8372. Lahore, Pakistan. Dec. 24, 1947.
 163253. No. 8409. Delhi. Dec. 20, 1947.
 163254. No. 8428. Delhi. Dec. 20, 1947.
 163255. No. 8551. Patiala, Patiala State. Jan. 21, 1948.
- 163256 to 163263. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**
 163256. No. 8290. Jubbulpore, Central Provinces. Nov. 28, 1947. White, 18 inches long, tapered, mild and crisp.
 163257. No. 8370. Lahore, Pakistan. Dec. 24, 1947. Long, white type.
 163258. No. 8383. Amritsar, western Punjab. Dec. 25, 1947.
 163259. No. 8395. Delhi. Dec. 17, 1947.
 163260. No. 8412. *Muli Patra*. Delhi. Dec. 24, 1947.
 163261. No. 8436. *Muli Jaunpur*. Delhi. Dec. 20, 1947.
 163262. No. 8516. Amritsar, western Punjab. Jan. 18, 1948.
 163263. No. 8518. *Muli*. Amritsar, western Punjab. Jan. 18, 1948.
- 163264 to 163272. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**
 163264. No. 8295. Jubbulpore, Central Provinces. Nov. 29, 1947.
 163265. No. 8323. *Bengan*. Mandla, Central Provinces. Dec. 4, 1947. Elongate, 8 to 10 inches through, deep purple and white.
 163266. No. 8373. *Bengan*. Lahore, Pakistan. Dec. 24, 1947. Purple type.
 163267. No. 8375. Lahore, Pakistan. Dec. 24, 1947. Long, purple type.
 163268 to 163271. Delhi. Dec. 20, 1947.
 163268. No. 8400. *Bengan Gal Jullundari*. Round, white type.
 163269. No. 8406. *Bengan*. Round, black type.
 163270. No. 8424. *Bengan Saped Lamba*. Long, white type.
 163271. No. 8435. *Bengan Lamba Kala*. Long, black type.
163272. No. 8546. *Bengan*. Patiala, Patiala State. Jan. 21, 1948. Round, black type.

163273 to 163275. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Ecuador. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture, Quito. Received Apr. 19, 1948.

163273. *Africano*.163274. *Candéal*.163275. *Colorado*.**163276 to 163322.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 31, 1948.

163276. *AGROPYRON* sp. Poaceae.

No. 8542. Jullundur, central Punjab. Jan. 19, 1948.

163277 to 163282. From the Central Provinces.

163277. *AMARANTHUS* sp. Amaranthaceae.

No. 8324. Mandla. Dec. 4, 1947. An ornamental species with long, thin flower heads.

163278 to 163282. *ARACHIS HYPOGAEA* L. Fabaceae.**Common peanut.**163278. No. 8333. *Mung Fali*. Jubbulpore. Dec. 5, 1947.163279. No. 8334. *Mung Fali*. Jubbulpore. Dec. 6, 1947. Originally from Akola, Berar.163280. No. 8336. *AK 10*. Jubbulpore. Dec. 6, 1947.163281. No. 8332. *Mung Fali*. Jubbulpore. Dec. 5, 1947.163282. No. 8318. *Mung Fali*. Mandla. Dec. 2, 1947.163283. *LOLIUM* sp. Poaceae.No. 8495. *Kasam*. Kulu Valley, eastern Punjab. Jan. 11, 1948. Grows 5 to 6 feet high.163284 and 163285. *COSMOS* spp. Asteraceae.

Mandla, Central Provinces. Dec. 1, 1947.

163284. *COSMOS* sp.

No. 8315. Flowers 1 inch in diameter; plants 4 feet high.

163285. *COSMOS* sp.

No. 8314. Flowers large, 2 inches across, orange; plants 8 feet high.

163286. *CRANIOULARIA ANNUA* L. Martyniaceae.**Sugar-root.**

No. 8326. Mandla, Central Provinces. 1946.

163287 to 163289. *FAGOPYRUM* spp. Polygonaceae.

From Kulu, Kulu Valley, eastern Punjab. Jan. 4, 1948.

163287. *FAGOPYRUM TATARICUM* (L.) Gaertn.**Kangra buckwheat.**No. 8451. *Kala Ghangri*.163288. *FAGOPYRUM TATARICUM* (L.) Gaertn.No. 8452. *Safed Ghangri*.163289. *FAGOPYRUM ESCULENTUM* Moench.**Buckwheat.**No. 8462. *Mitha Bres*.163290. *FIGUS* sp. Moraceae.**Fig.**

No. 8492. *Augir*. Katla, Kangra Valley. Jan. 11, 1948. Tree 2 feet in diameter. This species fruits almost the year around in the Central Provinces.

163291. *HIBISCUS* sp. Malvaceae.

No. 8308. Mandla, Central Provinces. October 1946.

163276 to 163322.—Continued

163292. *IMPATIENS BALSAMINA* L. Balsaminaceae. Garden balsam.

No. 8349. Belwani, Central Provinces. September 1946. Annual, growing to 3 feet in height, with attractive pink flowers $1\frac{1}{2}$ inches long.

163293. *LATHYRUS CICERA* L. Fabaceae.

No. 8285. *Teora*. Jubbulpore, Central Provinces. Nov. 28, 1947.

163294 to 163296. *LUFFA* spp. Cucurbitaceae.

163294. *LUFFA ACUTANGULA* (L.) Roxb. Singkwa towelgourd.

No. 8291. *Torauja*. Jubbulpore, Central Provinces. Nov. 29, 1947. Ripe fruit 2 feet by 4 inches, winged. Young fruits make a vegetable of delicate flavor.

163295 and 163296. *LUFFA AEGYPTIACA* Mill. Suakwa towelgourd.

163295. No. 8384. *Tori*. Amritsar, western Punjab. Dec. 25, 1947.

163296. No. 8296. *Perua* or *Ghi Toraiya*. Jubbulpore, Central Provinces. Nov. 29, 1947.

163297. *MELILOTUS ALBA* Desf. Fabaceae. White sweetclover.

No. 8360. *Sinji*. Amritsar, western Punjab. Dec. 22, 1947.

163298. *PANICUM MILIACEUM* L. Poaceae. Proso.

No. 8455. *Chini*. Shim, Kulu Valley, eastern Punjab.

163299. *PSORALEA CORYLIFOLIA* L. Fabaceae. Scurf-pea.

No. 8389. Bina, Central Provinces. Dec. 15, 1947. Plant up to $3\frac{1}{2}$ feet in height.

163300. *PANICUM MILIACEUM* L. Poaceae. Proso.

No. 8454. *Safed Chini*. Shim, Kulu Valley, eastern Punjab. Jan. 5, 1948.

163301. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.

No. 8541. *Mot*. Patiala, Patiala State. Jan. 1, 1948.

163302. *PHASEOLUS MUNGO* L. Urd.

No. 8540. *Mash*. Patiala, Patiala State. Jan. 20, 1948.

163303. *QUAMOCLIT COCCINEA* (L.) Moench. Convolvulaceae. Scarlet starglory.

No. 8327. Mandla, Central Provinces. Dec. 4, 1947.

163304. *ROSA* sp. Rosaceae.

No. 8439. Shim, Kulu Valley, eastern Punjab. January 1948. Handsome climber with numerous single white flowers $2\frac{1}{2}$ inches across.

163305. *RUBUS* sp. Rosaceae.

No. 8304. Deorali, Nepal, at 8,000 feet. May 1, 1947. Spreading, up to 4 feet high; fruits strawberry-red.

163306 and 163307. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

163306. No. 8325. Mandla, Central Provinces. Dec. 4, 1947.

163307. No. 8341. *Til*. Jubbulpore, Central Provinces. Dec. 7, 1947.

163308. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

No. 8461. *Bhart*. Shim, Kulu Valley, eastern Punjab. Roasting type.

163309 and 163310. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.

163309. No. 8417. *Polag Benaresi*. Delhi. Dec. 20, 1947. Winter crop.

163310. No. 8366. Lahore, Pakistan. Dec. 24, 1947.

163311. *TARGETES* sp. Asteraceae. Marigold.

No. 8313. Mandla, Central Provinces. Dec. 2, 1947. Plants 5 feet in height, with handsome yellow to orange frilled flower heads 3 inches across.

163276 to 163322.—Continued

163312. *THLADIANTHA* sp. Cucurbitaceae.

No. 8312. Ramanujganj, Surguja. November 1947. Ornamental hard, globose, crimson fruits, 3 to 4 inches in diameter.

163313. *TITHONIA* sp. Asteraceae.

No. 8391. Rithi, Central Provinces. Dec. 13, 1947. Plants 8 feet or more tall; flowers orange-red.

163314. *TRIFOLIUM RESUPINATUM* L. Fabaceae. Persian clover.No. 8388. *Shatala*. Amritsar, western Punjab. Dec. 26, 1947.163315. *TRIFOLIUM ALEXANDRINUM* L. Berseem.No. 8363. *Barain*. Amritsar, western Punjab. Dec. 22, 1947.163316. *TRICHOSANTHES HIMALENSIS* C. B. Clarke. Cucurbitaceae.

No. 8311. Bheraghat, Central Provinces. October 1946. Ornamental globose fruits, 1 inch in diameter, red with whitish to green stripes.

163317. *TRICHOSANTHES ANGUINA* L. Snakegourd.No. 8309. Bheraghat, Central Provinces. October 1946. Ornamental elongate, beaked, maroon fruits, $4\frac{1}{2}$ inches long.163318. *TRICHOSANTHES* sp.

No. 8310. Bheraghat, Central Provinces. October 1946. Ornamental elongate, beaked, maroon fruits, 2 inches in diameter.

163319 and 163320. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang.163319. No. 8533. *Ruan*. Jullundur, central Punjab. Jan. 19, 1948.163320. No. 8539. *Ruan*. Patiala, Patiala State. Jan. 20, 1948.163321. *DOLICHOS BIFLORUS* L. Fabaceae.No. 8484. *Kolt*. Katla, Kangra Valley, eastern Punjab. Jan. 10, 1948.163322. *ZIZIPHUS MAURITIANA* Lam. Rhamnaceae. India jujube.No. 8491. *Bher*. Katla, Kangra Valley, eastern Punjab. Jan. 11, 1948.163323 to 163335. *SORGHUM* spp. Poaceae.

From Liberia. Seeds collected by J. T. Baldwin, Jr., William & Mary College, Williamsburg, Va. Received Mar. 30, 1948.

163323. *SORGHUM VULGARE* Pers.

Kondessu, Western Province.

163324. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 10522.

163325. *SORGHUM VULGARE* Pers.

Kle, Western Province.

163326. *SORGHUM VULGARE* Pers.

Peatah, Eastern Province.

163327. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

Pallilah, Eastern Province.

163328. *SORGHUM VULGARE* Pers.

Nita Bana, Sino County, Western Province.

163329. *SORGHUM VULGARE* Pers.

Beliyela, Western Province.

163330. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

Gbange, Western Province.

163323 to 163335.—Continued

163331. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

Belifinal, Central Province.

163332. *SORGHUM VULGARE* Pers.

Belifinal, Central Province.

163333. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

Benata, Central Province.

163334. *SORGHUM SUDANENSE* (Piper) Stapf.

Harbel.

163335. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

Kle, Western Province.

163336. *ORYZA SATIVA* L. Poaceae.

Rice.

From Austria. Seeds presented by Ernest Rotter, Burgenland. Received Apr. 21, 1948.

163337 and 163338. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Denmark. Seeds presented by Akieselskalut C. A. Qvade & Co., Maribo. Received Apr. 21, 1948.

163337. *Carlsberg*.

163338. *Lenta*.

163339. *SORGHUM VULGARE* Pers. Poaceae.

From Ecuador. Seeds presented by T. J. Newfill, Fort Lauderdale, Fla. Received Apr. 14, 1948.

163340. *OLEA* sp. Oleaceae.

From Greece. Cuttings presented by Leonidas Tjannetis, Maxos. Received Apr. 11, 1948.

163341. *AVENA SATIVA* L. Poaceae.

Common oats.

From Denmark. Seeds presented by E. F. Nielsen, Copenhagen. Received Apr. 21, 1948.

Opus.

163342 to 163367.

From South America. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 8, 1948.

Seeds collected in 1948.

163342 to 163345. *ARACHIS GLABRATA* var. *HAGENBECKII* (Harms) F. J. Hermann.

Rio de Janeiro, Brazil. Mar. 8.

163342. No. 287.

163343. No. 285. Plant 2 feet tall with sprawling branches and one upright stem.

163344. No. 286.

163345. No. 288. Experiment station near Rio de Janeiro.

163346 and 163347. *ARACHIS HYPOGAEA* L.

Common peanut.

163346. No. 284. Rio de Janeiro, Brazil. Mar. 8.

163347. No. 295. Purchased at Campo Grande, Matto Grosso, Brazil. Mar. 22.

163348. *ARECASTRUM ROMANZOFFIANUM* (Cham.) Becc. Phoenicaceae. Palm.

No. 283. Villarrica, Paraguay. February.

163342 to 163367.—Continued

163349. *CHLORIS CANTERAI* Arech. Poaceae.

No. 275. Botanic Gardens, Asunción, Paraguay. February.

163350 to 163355. From Brazil.

163350. *DESMODIUM* sp. Fabaceae.

No. 305. Ten km. north of Campo Grande, Matto Grosso. Mar. 22.

163351. *LENS CULINARIS* Medic. Fabaceae.

Lentil.

No. 299. Seed store, Campo Grande, Matto Grosso. Mar. 22.

163352 to 163355. *PASPALUM* spp. Poaceae.163352. *PASPALUM* sp.

No. 291. Experiment station near Rio de Janeiro. Mar. 8. Plants 2 to 2½ feet tall; seeds numerous.

163353 to 163355. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

163353. No. 293. Near Bauru, Matto Grosso. Mar. 31. Broad-leaved type.

163354. No. 300. Campo Grande, Matto Grosso. Mar. 13.

163355. No. 303. Campo Grande, Matto Grosso. Mar. 22.

163356. *PAPPOPHORUM SUBBULBOSUM* Arech. Poaceae.

No. 276. Botanic Gardens, Asunción, Paraguay. February.

163357 to 163360. Seed store, Campo Grande, Matto Grosso, Brazil. Mar. 22.

163357. *PHALARIS CANARIENSIS* L. Poaceae.

Canary grass.

No. 298.

163358. *PIMPINELLA ANISUM* L. Apiaceae.

Anise.

No. 296.

163359. *PIPER NIGRUM* L. Piperaceae.

Black pepper.

No. 297.

163360. *ROLLINIA* sp. Annonaceae.

No. 302. Fruit large, 7 to 8 inches in diameter.

163361. *SOLANUM BONARIENSE* var. *VILLARICENSE* (Morong) Chod. Solanaceae.

No. 289. Villarrica, Paraguay. February.

163362. *SOLANUM DIPHYLLUM* L.

No. 282. Botanic Gardens, Asunción, Paraguay. February.

163363 to 163367. From Brazil.

163363. *SORGHASTRUM SETOSUM* (Griseb.) Hitchc. Poaceae.

No. 294. Forty km. south of Corumbá, Matto Grosso. Mar. 18. Plant 6 to 8 feet tall.

163364. *STENOTAPHRUM SECUNDATUM* (Walt.) Kuntze. Poaceae.

St. Augustine grass.

No. 304. Campo Grande, Matto Grosso. Mar. 13. Plant dark-green and hardy.

163365. *STIZOLOBIUM* sp. Fabaceae.

No. 292. Experiment station near Rio de Janeiro. Mar. 8. Bunch type; plant 2 to 3 feet tall.

163366. *VIGNA LUTEOLA* (Jacq.) Benth. Fabaceae.

No. 290. Experiment station near Rio de Janeiro. Mar. 8. Small vine, vigorous and hardy.

163342 to 163367.—Continued**163363 to 163367.—Continued**

163367. *TRACHYPOGON MONTUFARI* (H. B. K.) Nees. Poaceae.

No. 301. Campo Grande, Matto Grosso. Mar. 23. Upright bunchgrass, 1½ to 2½ feet tall.

163368 and 163369.

From Ecuador. Seeds presented by Bolívar Lizarabura, Quito. Received Apr. 19, 1948.

From Pichincho Province.

163368. *DESMODIUM* sp. Fabaceae.

163369. *MEDICAGO* sp. Fabaceae.

163370. RHODODENDRON SIMSII Planch. Ericaceae. **Azalea.**

From China. Seeds presented by the National Forestry Research Bureau, Nanking. Received Apr. 27, 1948.

Yin-Shan-hung.

163371 and 163372.

From Peru. Plant material presented by the Estación Central de Colonización de Tingo María. Received Apr. 28, 1948.

163371. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**
Roots.

163372. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**
Seeds.

163373. AVENA SATIVA L. Poaceae. **Common oats.**

From Denmark. Seeds presented by the B. Nielsen Seed & Feed Co., Harrisburg, Oreg. Received Apr. 28, 1948.

French Black.

163374 to 163379. AVENA SATIVA L. **Common oats.**

From Argentina. Seeds presented by D. E. Weibel, Kansas State College, Manhattan, Kans. Received Apr. 29, 1948.

163374. *6a Provision* 13. 163377. *AO-8-2.*

163375. *Malgah* 82. 163378. *AO-19-1.*

163376. *AO-8-1.* 163379. *AO-19-10.*

163380. RHEUM AUSTRALE Don. Polygonaceae. **Rhubarb.**

From France. Seeds presented by the Botanic Garden, Nantes. Received Apr. 23, 1948.

163381 and 163382. LOTUS spp. Fabaceae.

From the Netherlands. Seeds presented by J. D. Baldrige, Columbia, Mo. Received Apr. 26, 1948.

163381. *LOTUS CORNICULATUS* L. **Birdsfoot trefoil.**
Near Wageningen.

163382. *LOTUS ULIGINOSUS* Schkuhr.
Near Wageningen.

163383 to 163393. RHODODENDRON spp. Ericaceae.

From Taiwan. Plants presented by the TAI War Supply Office, Shanghai.
Received Apr. 30, 1948.

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| 163383. RHODODENDRON sp.
No. 1. | 163389. RHODODENDRON sp.
No. 7. |
| 163384. RHODODENDRON sp.
No. 2. | 163390. RHODODENDRON sp.
No. 8. |
| 163385. RHODODENDRON sp.
No. 3. | 163391. RHODODENDRON sp.
No. 9. |
| 163386. RHODODENDRON sp.
No. 4. | 163392. RHODODENDRON sp.
No. 10. |
| 163387. RHODODENDRON sp.
No. 5. | 163393. RHODODENDRON sp.
No. 11. |
| 163388. RHODODENDRON sp.
No. 6. | |

163394 to 163397. MEDICAGO FALCATA L. Fabaceae.

From Canada. Seeds presented by W. J. White, Dominion Forage Crop Laboratory, Saskatoon, Saskatchewan. Received Apr. 27, 1948.

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| 163394. S-3-1. | 163396. S-43-27. |
| 163395. S-43-23. | 163397. S-43-35. |

163398 and 163399. ALLIUM CEPA L. Liliaceae. Onion.

From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Received May 10, 1948.

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| 163398. No. 6912. B. <i>Cape Straw</i> . |
| 163399. No. 3618. A. <i>Early Cape Flat</i> . |

163400 to 163403. ARACHIS spp. Fabaceae.

From Brazil. Plants collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 1, 1948.

163400. ARACHIS sp.
No. 278. Cuyabá, Matto Grosso. Mar. 14, 1948. Plants prostrate, with taproot.
163401. ARACHIS sp.
No. 279. In crevices of rotten shale outcrop, 10 km. east of Cuyabá. Mar. 14, 1948. Plants small and delicate, with large tubercles on roots; not important as grazing plant.
163402. ARACHIS sp.
No. 280. Shrub-covered land along road to Iron Mountain, about 20 km. from Corumbá, Matto Grosso. Mar. 18, 1948.
163403. ARACHIS sp.
No. 281. Open land at Campo Grande, Matto Grosso. Among bushes on sandy clay soil. Mar. 21, 1948. Plants 1 foot high, common.

163404 to 163441.

From Argentina. Seeds presented by the Comisión Nacional de Granos y Elevadores, Buenos Aires. Received Apr. 8, 1948.

- 163404 and 163405. AVENA SATIVA L. Poaceae. Common oats.
Yellow type. Bahía Blanca.
163404. No. 1.
163405. No. 2.

163404 to 163441.—Continued163406 to 163414. *HORDEUM VULGARE* L. Poaceae.**Barley.**

163406. Bahía Blanca. Brewing type.
 163407. Buenos Aires. Brewing type.
 163408. Rosafe. Brewing type.
 163409. Bahía Blanca. No. 1. Forage type.
 163410. Bahía Blanca. No. 2. Forage type.
 163411. Buenos Aires. Forage type.
 163412. Bahía Blanca. Brewing type.
 163413. Buenos Aires. Brewing type.
 163414. Rosafe. Brewing type.

163415 to 163420. *SECALE CEREALE* L. Poaceae.**Rye.**

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| 163415. No. 1. Bahía Blanca. | 163418. No. 2. Bahía Blanca. |
| 163416. No. 1. Buenos Aires. | 163419. No. 2. Buenos Aires. |
| 163417. No. 1. Rosafe. | 163420. No. 2. Rosafe. |

163421 to 163441. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.**

163421 to 163431. Hard type.

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| 163421. No. 1. Buenos Aires. | 163427. No. 2. Rosafe. |
| 163422. No. 1. Bahía Blanca. | 163428. No. 3. Buenos Aires. |
| 163423. No. 1. Rosafe. | 163429. No. 3. Bahía Blanca. |
| 163424. No. 2. Buenos Aires. | 163430. No. 3. Entre Ríos. |
| 163425. No. 2. Bahía Blanca. | 163431. No. 3. Rosafe. |
| 163426. No. 2. Entre Ríos. | |

163432 to 163441. Soft type.

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| 163432. No. 1. Buenos Aires. | 163437. No. 2. Bahía Blanca. |
| 163433. No. 1. Bahía Blanca. | 163438. No. 2. Rosafe. |
| 163434. No. 1. Rosafe. | 163439. No. 3. Bahía Blanca. |
| 163435. No. 1. Entre Ríos. | 163440. No. 3. Rosafe. |
| 163436. No. 2. Buenos Aires. | 163441. No. 3. Buenos Aires. |

163442 to 163445.

From Massachusetts. Plants presented by the Arnold Arboretum, Jamaica Plain.
 Received Apr. 6, 1948.

163442 to 163444. *MALUS*. Rosaceae.

163442. 17039/Tor 47.
 163443. 20139/Tor 47.
 163444. 33340/Tor 47.

163445. *PRUNUS*. Rosaceae.*Hally Jolivette.***163446 to 163450. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.****Cowpea.**

From Costa Rica. Seeds presented by the Instituto Inter-Americano de Ciencias
 Agrícolas, Turrialba. Received Apr. 6, 1948.

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| 163446. No. 0150. <i>Azul Grande</i> . | 163449. No. 0190. <i>Chinito</i> . |
| 163447. No. 0128. <i>Canelo</i> . | 163450. No. 0151. <i>Garbancito</i> . |
| 163448. No. 0189. <i>Chinegro</i> . | |

163451. *ANANAS COMOSUS* (L) Merr. Bromeliaceae. Pineapple.

From Brazil. Seeds presented by an unknown donor, Campinas, São Paulo.
Received Apr. 7, 1948.

Smooth Cayenne.

163452. *ARACHIS* sp. Fabaceae.

From Brazil. Plants obtained by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 7, 1948.

No. 380. Botanical Garden, Rio de Janeiro. Apr. 1, 1948. Plants 6 to 12 inches high.

163453. *GLYCINE USSURIENSIS* Regel & Maack. Fabaceae.

From China. Seeds presented by Chen Ling Ting, National Chekiang University, Hangchow, Chekiang. Received Apr. 8, 1948.

163454 to 163459.

From Czechoslovakia. Seeds presented by H. C. Hanson, Foreign Agriculture Organization of the United Nations, Prague. Received Apr. 8, 1948.

163454 to 163458. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

163454. *Beta* Y 19.

163457. *Kleinwanzleben* Z.

163455. *Chotovka*.

163458. *Kuhn*.

163456. *Hilleshog*.

163459. *SORGHUM* sp. Poaceae.

163460 to 163484.

From Finland. Seeds presented by Dr. Vilho G. Pesola, Central Experimental Station of Finland, Jokioinen. Received Mar. 29, 1948.

163460 to 163462. *AVENA SATIVA* L. Poaceae.

Common oats.

163460. *Havcc*. Eho, Tammisto.

163461. *Tlavrc*. Kyto, Tammisto.

163462. T(J) a a 6933.

163463. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

Fe. 1. Jokioinen.

163464 and 163465. *HORDEUM VULGARE* L. Poaceae.

Barley.

163464. *Korn*. Tammi, Tammisto.

163465. *Korn*. Helmi, Tammisto.

163466 to 163468. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

163466. *Raiha*, Tnkil.

163467. *Martta*.

163468. *Ti 0771*.

163469 to 163479. From the village of Jokioinen.

163469. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

Tai 3.

163470 to 163475. *PISUM SATIVUM* L. Fabaceae.

Pea.

163470. *Artturi*.

163473. *Sinikka*.

163471. *Ko*.

163474. *Kalcva*.

163472. *Paula*.

163475. *Koivisto*.

163460 to 163484.—Continued

163469 to 163479.—Continued

163476 to 163479. SECALE CEREALE L. Poaceae.

Rye.

163476. *Ensi*.163478. *Tekka*.163477. *Toivo*.163479. *Onni*.

163480 to 163484. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

163480. *Hopca*. Jokioinen.163482. *Sopu*. Jokioinen.163481. *Hostvete*. Varna, Tammisto.163483. *Olympia*. Jokioinen.163484. *Kimmo*. Tammisto.

163485 to 163502.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 31, 1948.

163485 and 163486. BRASSICA OLERACEA VAR. BOTRYTIS L. Brassicaceae.

Cauliflower.

163485. No. 8371. *Phulgobi*. Lahore, Pakistan. Dec. 24, 1947.163486. No. 8408. *Phulgobi Magi*. Delhi. Dec. 20, 1947.

163487 to 163490. BRASSICA OLERACEA VAR. CAPITATA L.

Cabbage.

163487. No. 8303. *Gobi*. Jubbulpore, Central Provinces. Dec. 1, 1947.163488. No. 8403. *Band Gobi*. Delhi. Dec. 20, 1947.163489. No. 8437. *Gobi*. Delhi. Dec. 20, 1947.163490. No. 8553. *Band Gobi*. Patiala, Patiala State. Jan. 21, 1948.

163491. BRASSICA OLERACEA VAR. BOTRYTIS L.

Cauliflower.

No. 8419. *Phulgobi Peshawari*. Delhi. Dec. 20, 1947.

163492 to 163502. BRASSICA RAPA L.

Turnip.

Shelgham. A native name for turnip.

163492. No. 8377. Lahore, Pakistan. Dec. 24, 1947.

163493. No. 8410. Delhi. Dec. 20, 1947. Purple-topped.

163494. No. 8378. Lahore, Pakistan. Dec. 24, 1947. Globose, red-purple.

163495. No. 8297. Jubbulpore, Central Provinces. Nov. 29, 1947. Globe, red-purple.

163496. No. 8381. Amritsar, western Punjab. Dec. 25, 1947.

163497. No. 8527. Jullundur, central Punjab. Jan. 19, 1948. White, mild, and tender.

163498. No. 8555. Patiala, Patiala State. Jan. 21, 1948.

163499. No. 8394. Delhi. Dec. 17, 1947.

163500. No. 8401. Delhi. Dec. 20, 1947. Round, white.

163501. No. 8528. Jullundur, central Punjab. Jan. 19, 1948. Red.

163502. No. 8545. Patiala, Patiala State. Jan. 21, 1948. Globe, white.

163503 to 163533. VITIS VINIFERA L. Vitaceae. European grape.

From France. Plants presented by J. Souty, Directeur, Station de Recherches Viticoles et d'Arboriculture Fruitière, Gironde. Received Apr. 12, 1948.

Seibel.

163503. No. 2.653.	163519. No. 7.053.
163504. No. 4.986.	163520. No. 8.365.
163505. No. 5.279.	163521. No. 8.718.
163506. No. 5.860.	163522. No. 8.745.
163507. No. 6.468.	163523. No. 8.748.
163508. No. 7.157.	163524. No. 8.916.
163509. No. 10.076.	163525. No. 14.654.
163510. No. 10.173.	163526. No. 10.096.
163511. No. 10.417.	163527. No. 14.514.
163512. No. 11.342.	163528. No. 10.878.
163513. No. 11.803.	163529. No. 9.249.
163514. No. 2.007.	163530. No. 14.665.
163515. No. 4.643.	163531. No. 14.664.
163516. No. 5.437.	163532. No. 5.163.
163517. No. 5.813.	163533. No. 14.660.
163518. No. 6.905.	

163534. FRAGARIA. Rosaceae. Strawberry.

From France. Plants purchased from R. C. Chapron, Caen. Received Apr. 12, 1948.

Fraise Framboise; Capron.

163535 to 163537.

From Peru. Seeds presented by the Estación Experimental de Tingo María, Tingo María. Received Apr. 13, 1948.

163535 and 163536. CINCHONA spp. Rubiaceae.

163535. CINCHONA OFFICINALIS L.

T. M. No. 2218.

163536. CINCHONA PUBESCENS Vahl.

T. M. No. 2217.

163537. GOSSYPIUM. Malvaceae.

Cotton.

Tanguis. Rimac Valley.

163538 and 163539. JUGLANS REGIA L. Juglandaceae.

Persian walnut.

From California. Seedlings growing at the United States Plant Introduction Garden, Chico. Numbered Apr. 13, 1948.

163538. Selection (D-42-43) from P. I. 135697.

163539. Selection (D-42-44) from P. I. 125697.

163540 to 163542.

From Colombia. Presented by T. J. Newbill, Fort Lauderdale, Fla. Received Apr. 14, 1948.

From Honda.

163540. ORYZA SATIVA L. Poaceae.

Rice.

Seeds.

163540 to 163542.—Continued163541. *SOLANUM* sp. Solanaceae.

Tubers.

163542. *SORGHUM VULGARE* Pers. Poaceae.

Seeds.

163543 and 163544.

From the Orient. Seeds presented by V. I. Hack, MSC, Medical Section, A. P. O., San Francisco, Calif. Received Apr. 15, 1948.

163543. *HORDEUM VULGARE* L. Poaceae.

Barley.

163544. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

163545 to 163550.

From Eritrea. Seeds presented by G. Ferro-Luzzi, Regoma Elena Hospital, Asmara. Received Apr. 15, 1948.

163545. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae.

Ragi.

Dagussa. Gundet, Province of Serae.163546 and 163547. *ERAGROSTIS TEF* (Zucc.) Trotter. Poaceae.

Teff.

163546. No. 3. White teff. Mai Zada, Serae.

163547. No. 4. Red teff. Sembel, Hamasien.

163548. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

No. 5. *Bultuk*. Agordat.163549 and 163550. *SORGHUM VULGARE* Pers. Poaceae.

From Mai Zada, Serae.

163549. No. 1. *White Durra*.163550. *Red Durra*.**163551 to 163553. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.**

From the Netherlands. Tubers presented by the Instituut voor Rassenonderzoek van Landbouwgewassen, Wageningen. Received Apr. 16, 1948.

163551. *Grummel P 299*.163552. *Sirtema*.163553. *Meerlander*.**163554. *CITRUS* sp. Rutaceae.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 16, 1948.

No. 8809. Toda Rai Singh, Jaipur. Feb. 8, 1948.

163555 to 163761.

From Guatemala. Seeds collected by J. O. Ware and C. W. Manning, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 27, 1948.

Seeds collected in 1948.

163555 to 163564. Market, Guatemala City.

163555 to 163557. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

163555. No. 1001. Red.

163556. No. 1002. Black.

163557. No. 1003. White.

163555 to 163761.—Continued

163555 to 163564.—Continued

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| 163558 and 163559. <i>ZEA MAYS</i> L. Poaceae. | Corn. |
| 163558. No. 1004. Small kernel. | |
| 163559. No. 1005. Large kernel. | |
| 163560 to 163562. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| 163560. No. 1006. Seeds white and flat. | |
| 163561. No. 1007. <i>Piligue</i> . | |
| 163562. No. 1008. <i>Pinoi</i> . Seeds large, flat, mottled. | |
| 163563 and 163564. <i>ZEA MAYS</i> L. Poaceae. | Corn. |
| 163563. No. 1009. Highland. | |
| 163564. No. 1010. | |
| 163565. <i>SECALE CEREALE</i> L. Poaceae. | Rye. |
| No. 1011. Chimaltenango. | |
| 163566. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| No. 1012. <i>Frijol Rinon</i> . San Pedro. | |
| 163567. <i>ZEA MAYS</i> L. Poaceae. | Corn. |
| No. 1013. | |
| 163568. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| No. 1014. Seeds black and red; flat. San Juan. | |
| 163569. <i>LINUM USITATISSIMUM</i> L. Linaceae. | Flax. |
| No. 1015. <i>Linnosa</i> . Totonicapán. | |
| 163570. <i>SECALE CEREALE</i> L. Poaceae. | Rye. |
| No. 1016. Totonicapán. | |
| 163571. <i>TRITICUM AESTIVUM</i> L. Poaceae. | Common wheat. |
| No. 1017. Totonicapán. | |
| 163572. <i>CITRULLUS VULGARIS</i> Schrad. Cucurbitaceae. | Watermelon. |
| No. 1018. El Progreso, Jutiapa. Apr. 8. Fruit of medium size, dark-green, rather round; seeds black. | |
| 163573. <i>SORGHUM VULGARE</i> Pers. Poaceae. | |
| No. 1019. <i>Maicillo</i> . Santa Catarina Mita, Jutiapa. Apr. 7. | |
| 163574. <i>CITRULLUS VULGARIS</i> Schrad. Cucurbitaceae. | Watermelon. |
| No. 1020. El Progreso, Jutiapa. Apr. 8. Fruit small, striped; seeds black. | |
| 163575. <i>ORYZA SATIVA</i> L. Poaceae. | Rice. |
| No. 1021. San Pedro Pinula, Jalapa. Apr. 9. Upland type. | |
| 163576 to 163599. Market, Guatemala City. | |
| 163576 to 163585. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| 163576. No. 1022. Red. | 163581. No. 1027. Red. |
| 163577. No. 1023. Red. | 163582. No. 1028. <i>Piloi</i> . Black |
| 163578. No. 1024. Dark red, long. | 163583. No. 1029. Black. |
| 163579. No. 1025. Tan. | 163584. No. 1030. White. |
| 163580. No. 1026. <i>Piloi</i> . Red. | 163585. No. 1031. Large. |
| 163586. <i>VICIA FABA</i> L. Fabaceae. | Broadbean. |
| No. 1032. Large. | |
| 163587. <i>CAJANUS CAJAN</i> (L.) Druce. Fabaceae. | Pigeonpea. |
| No. 1033. <i>Frijol Garbanzo</i> . | |

163555 to 163761.—Continued

163576 to 163599.—Continued

163588. Cicer arietinum L. Fabaceae. Chickpea.
No. 1034. *Garbanzo Amatitcan*.
163589. Lens culinaris Medic. Fabaceae. Lentil.
No. 1035.
163590. Cucurbita moschata Duchesne. Cucurbitaceae. Cushaw.
No. 1036. *Pepitas de Ayote*.
163591. Cucurbita pepo L. Pumpkin.
No. 1037.
- 163592 and 163593. Sorghum vulgare Pers. Poaceae.
Maicillo.
163592. No. 1038.
163593. No. 1039.
163594. Salvia hispanica L. Menthaceae.
No. 1040. *Chian*.
163595. Sesamum indicum L. Pedaliaceae. Sesame.
No. 1041.
163596. Hordeum vulgare L. Poaceae. Barley.
No. 1042.
- 163597 to 163599. Zea mays L. Poaceae. Corn.
163597. No. 1043. Yellow.
163598. No. 1044. White.
163599. No. 1045. *Maiz Salpos*. Soft corn.
- 163600 to 163761. Gossypium. Malvaceae. Cotton.
163600. No. 1. Comapa, Jutiapa. Mar. 30. Bolls rounded.
163601. No. 2. Torolita, Escuintle. Mar. 31.
163602. No. 3. Taxisco, Santa Rosa. Apr. 1. Upland type.
- 163603 to 163605. Guazacapán, Santa Rosa. Apr. 1.
163603. No. 4. *Marie-galante*.
163604. No. 5.
163605. No. 6. Petal spotted.
163606. No. 7. Between Guazacapán and Chiquimulilla, Santa Rosa.
Marie-galante. Apr. 1.
163607. No. 8. San Mateo, near Cuilapa, Santa Rosa. Apr. 1. Plants 8 feet high.
163608. No. 9. San Mateo, Santa Rosa. Apr. 1.
163609. No. 10. Oratorio, Santa Rosa. Apr. 2.
- 163610 to 163666. From the Department of Jutiapa.
163610. No. 11. Between Cuilapa and Jutiapa. Apr. 2.
163611. No. 12. Canton, San Antonio. Apr. 2.
- 163612 to 163614. From Campo Santo.
163612. No. 13. Apr. 2. Upland type.
163613. No. 14. Apr. 2. Upland type.
163614. No. 15. Apr. 3.

163555 to 163761.—Continued

163600 to 163761.—Continued

163610 to 163666.—Continued

163615 to 163619. From El Progreso. Apr. 3.

163615. No. 16. Bolls small, seeds with fuzzy tips.

163616. No. 17. Seeds with fuzzy tips.

163617. No. 18. Seeds with fuzzy tips.

163618. No. 19. Plants 4 to 6 feet high. Seeds with fuzzy tips.

163619. No. 20. Plants 6 feet high.

163620. No. 21. Between El Progreso, Jutiapa and El Salvador border. Apr. 3. Small upland type; seeds with fuzzy tips.

163621. No. 22. Las Quebradas. Izabal, on highway to El Salvador border. Apr. 3. Plants 5 to 6 feet high. Seeds with fuzzy tips.

163622. No. 23. Teucal. Apr. 3. Plants 7 to 8 feet high. Bolls small, seeds with fuzzy tips.

163623. No. 24. Teucal. Apr. 3. Plants 5 to 6 feet high. Seeds with fuzzy tips.

163624. No. 25. Valle Nueva. Apr. 3. Upland type. Bolls average size, seeds fuzzy.

163625. No. 26. Valle Nueva. Apr. 3. Bolls average size, seed fuzz gray.

163626. No. 27. Teucal. Apr. 3. Plants 7 feet high. Seeds fuzzy.

163627. No. 28. Apr. 4. Seeds fuzzy.

163628. No. 29. Apr. 4. Plants 8 to 9 feet high; sea island type. Bolls long and very pointed, seeds reniform.

163629. No. 30. Apr. 4. Bolls rather small, seeds fuzzy.

163630. No. 31. Basscal District. Apr. 4. Plants 3 to 6 feet high; upland type. Seeds fuzzy.

163631. No. 32. Near Jutiapa airfield. Apr. 5. Plants 1 to 6 feet high. Bolls small, seeds with fuzzy tips.

163632. No. 33. Bareal, near Jutiapa. Plants 10 to 12 feet high; sea island type. Bolls very long and pointed, seeds reniform.

163633. No. 34. Bareal, near Jutiapa. Bolls small, seeds fuzzy.

163634. No. 35. Jacarro Grande. Apr. 5. Plants 2 to 5 feet high. Bolls small, seeds fuzzy.

163635. No. 36. Cuetero, near Jutiapa, at 3,900 feet altitude toward El Salvador. Apr. 5. Sea island type. Bolls pointed, seeds reniform.

163636. No. 37. Yupiltepeque. Apr. 5. Plants 6 to 7 feet high; upland type. Bolls small, seed fuzz green.

163637. No. 38. Yupiltepeque. Apr. 5. Plants 10 feet high at 2 years old. Bolls small, seed fuzz gray.

163638. No. 39. Jacarro Grande. Apr. 5. Plants 11 to 12 feet high; upland type. Bolls small and round, seed fuzz green.

163639. No. 40. Atescatempa. Apr. 5. Plants 6 feet high; upland type. Bolls small and somewhat pointed, dark-green seed fuzz.

163640. No. 41. Atescatempa. Apr. 5. Upland type. Bolls very small and somewhat pointed, seeds small with brown fuzz, flowers yellowish with large petal spot.

163641. No. 42. Atescatempa. Apr. 5. Bolls small and pointed, seed fuzz grayish-brown.

163642. No. 43. Atescatempa. Apr. 5. Plants 11 to 12 feet high. Bolls very small, seed fuzz grayish.

163555 to 163761.—Continued**163600 to 163761.—Continued****163610 to 163666.—Continued**

163643. No. 44. Asunción Mita. Apr. 6. Upland type. Bolls small and rounded, seed fuzz brownish.
163644. No. 45. Asunción Mita. Apr. 6. Plants 5 feet high; upland type. Bolls small, seeds partly fuzzy.
163645. No. 46. Valle Nueva. Apr. 6. Plants 8 feet high when 6 months old; upland type.
163646. No. 47. Valle Nueva. Apr. 6. Plants 6 to 8 feet high. Bolls small, seeds fuzzy.
163647. No. 48. El Progreso. Apr. 6. Plants 6 to 8 feet high; upland type. Bolls small and rounded, seeds with fuzzy tuft.
163648. No. 49. El Progreso. Apr. 6. Plants 7 to 8 feet high; upland type. Bolls small, seeds fuzzy.
163649. No. 50. Horrcones. Apr. 6. Plants 4 to 7 feet high.
163650. No. 51. Horrcones. Apr. 6. Plants 4 to 5 feet high; upland type. Bolls small, seeds fuzzy. Used to make lamp wicks for home use.
163651. No. 52. Horrcones. Apr. 6. Dooryard plants about 6 feet high and 3 to 4 years old; spreading type. Bolls small, seeds fuzzy.
163652. No. 53. Horrcones. Apr. 6. Plants 3 to 6 feet high; upland type. Bolls fairly large, seeds fuzzy.
163653. No. 54. Horrcones. Apr. 6. Bolls small, seed fuzz green or brown.

163654 to 163665. From Santa Catarina Mita. Apr. 7.

163654. No. 55. Upland type. Bolls small; seeds fuzzy.
163655. No. 56. Plants 9 to 10 feet high; upland type. Bolls small, seed fuzz gray.
163656. No. 57. Plants 8 to 10 feet high. Bolls small, seed fuzz brown.
163657. No. 58. Upland type.
163658. No. 59. Plants 12 feet high; upland type. Bolls small, seed fuzz grayish.
163659. No. 60. Dooryard plants 4 to 7 feet high. Bolls rather small, seeds fuzzy.
163660. No. 61. Plants 8 to 9 feet high; upland type. Bolls small, seeds fuzzy.
163661. No. 62. Plants 8 to 10 feet high; upland type. Seed fuzz brownish-gray.
163662. No. 63. Plants 4 to 6 feet high. Bolls small, seeds brownish-gray.
163663. No. 64. Plants 3 to 6 feet high. Bolls small, some seeds fuzzy.
163664. No. 65. Plants 5 feet high and spreading. Bolls average to small, seed fuzz greenish-gray.
163665. No. 66. Plants 4 to 7 feet high and spreading. Bolls rather small and grayish-brown.
163666. No. 67. El Progreso. Apr. 7. Upland type. Bolls rather small, seeds with fuzzy tips.
- 163667 to 163683. From the Department of Jalapa.**
163667. No. 68. La Reforma. Apr. 7. Plants 7 feet high; upland type. Bolls average size, seed fuzz gray.
163668. No. 69. La Libertad. Apr. 7. Plants 8 feet high. Bolls average size, seed fuzz green.

163555 to 163761.—Continued

1636000 to 163761.—Continued

163667 to 163683.—Continued

163669. No. 70. Plants 7 to 9 feet high. Seed fuzz grayish-green.
163670. No. 71. El Solamo. Apr. 8. Plants 5 feet high. Bolls small, seed fuzz grayish-brown.
163671. No. 72. Finca El Cochero. Apr. 8. Plants 7 to 8 feet high. Bolls average size, seed fuzz gray.
163672. No. 73. Chaparrón. Apr. 8. Plants 5 to 6 feet high. Bolls small, seeds with fuzzy tuft.
163673. No. 74. Chaparrón. Apr. 9. Plants 6 feet high, 1-year old. Bolls small, seeds with fuzzy tuft at hilum.
- 163674 to 163681. From San Pedro Pinula. Apr. 9.
163674. No. 75. Plants 7 feet high. Bolls average size, seed fuzz brownish.
163675. No. 76. Plants 3 to 5 feet high. Seeds fuzzy.
163676. No. 77. Plants 6 to 7 feet high. Bolls small, seeds fuzzy.
163677. No. 78. Plants 5 to 7 feet high. Seeds fuzzy.
163678. No. 79. Plants 5 to 10 feet high. Bolls average size, seeds fuzzy.
163679. No. 80. Plants 10 to 12 feet high; sea island type. Seeds reniform, with fuzzy tuft.
163680. No. 81. Plants 4 to 6 feet high. Bolls rather small, seed fuzz grayish.
163681. No. 82. Seeds fuzzy.
163682. No. 83. Jilotepeque. Apr. 9. Plants 5 feet high. Seeds fuzzy.
163683. No. 84. La Cruz de Villeda. Apr. 9. Plants 6 feet high.
- 163684 to 163714. From the Department of Chiquimula. Apr. 9 and 10.
163684. No. 85. El Olxoje near Ipala. Plants 8 feet high. Bolls rather small, seeds fuzzy.
163685. No. 86. Obraje. Plants 8 feet high. Bolls average size, seeds fuzzy.
163686. No. 87. Obraje. Plants 4 to 6 feet high. Bolls average size, seed fuzz greenish-gray.
163687. No. 88. Obraje. Plants 6 to 7 feet high. Bolls medium size, seeds fuzzy.
163688. No. 89. St. George. Plants 3 to 5 feet high. Bolls medium size, seed fuzz gray.
163689. No. 90. Santa Elena. Plants 8 feet high. Bolls medium size, seed fuzz grayish-brown.
163690. No. 91. Santa Elena. Lint darker brown than *Nankeen*. Seeds fuzzy.
163691. No. 92. Santa Elena. Seeds fuzzy.
163692. No. 93. Pedregal. Plants 10 to 11 feet high, about 3 years old. Bolls small and pointed, seeds with fuzzy tuft.
- 163693 to 163697. From Esquipulas.
163693. No. 94. Plants 7 to 8 feet high, about 1 year old. Bolls rather small and round, seeds fuzzy.
163694. No. 95. Plants 10 to 15 feet high. Bolls rather small and pointed, seeds with fuzz on tips.
163695. No. 96. Plants 15 to 16 feet high.

163555 to 163761.—Continued**163600 to 163761.—Continued****163684 to 163714.—Continued****163693 to 163697.—Continued**

163696. No. 97. Bolls small and pointed, lint soft, seeds with fuzzy tuft.

163697. No. 98. Plants 15 feet high. Bolls small, pointed; seeds with fuzzy tuft; flowers yellowish.

163698. No. 99. El Coja. Plants 7 feet high. Bolls small, cylindrical, pointed; seeds tufted; flowers yellowish.

163699. No. 100. El Coja. Plants 3 feet high. Bolls average size and round, but with protruding bur tips; seeds fuzzy.

163700. No. 101. Tlano Grande, Quezaltepeque. Bolls rather small, elongated, pointed; seeds with fuzzy tips.

163701. No. 102. Los Pasos Concepcion. Seeds fuzzy.

163702. No. 103. La Loma Concepcion. Plants 4 feet high; upland type. Bolls small, seeds fuzzy.

163703. No. 104. El Molino. Plants 5 feet high. Bolls average size and round, seed fuzz grayish.

163704. No. 105. San Jose Arrada. Spreading growth. Bolls small and round, seeds naked except for tuft.

163705. No. 106. San Jose Arrada. Bolls small and round, seeds fuzzy.

163706. No. 107. Tierra Blanca. Plants 6 feet high. Bolls round, greenish-brown.

163707. No. 108. Jocotán. Plants 8 feet high. Bolls average size, long, short-pointed; seed fuzz brownish-gray.

163708. No. 109. Jocotán. Bolls average size and rounded, seed fuzz greenish-brown.

163709. No. 110. Jocotán. Plants 5 to 6 feet high, upright. Bolls average size and rounded, seeds with fuzzy tuft.

163710. No. 112. Between Olopa and Chiquimula. Plants 10 feet high. Bolls medium size, but pointed and long; seeds with fuzzy tips.

163711. No. 113. Plants 6 to 7 feet high with spreading growth. Bolls small and rounded, seeds with fuzzy tuft.

163712. No. 114. Plants 6 to 7 feet high. Bolls rather small and rounded.

163713. No. 115. Plants 2 to 5 feet high and spreading. Bolls average size and rounded, seeds fuzzy.

163714. No. 116. Upland type. Bolls average size and rounded, seed fuzz green.

163715 to 163730. From the Department of Zacapa. Apr. 13 and 14.

163715. No. 118. Santa Rosalina. Plants 6 feet high; upright. Bolls. average to small, seed fuzz greenish.

163716. No. 119. Zacapa. Prolific plant. Bolls small, seeds fuzzy and small.

163717. No. 120. Zacapa. Plants 6 to 7 feet high. Bolls small and rounded, seeds with fuzzy tuft.

163718. No. 121. La Fragua. Plants 6 to 7 feet high, spreading. Bolls very small, seeds fuzzy and very small.

163719. No. 122. Río Hondo. Plants 5 feet high and spreading. Bolls small; seeds small, with thin fuzz.

163720. No. 123. San Pablo. Plants 5 to 6 feet high with spreading growth. Bolls small and rounded, seeds small.

163555 to 163761.—Continued

163600 to 163761.—Continued

163715 to 163730.—Continued

163721. No. 124. Las Carretas. Plants 7 to 8 feet high. Bolls small and rounded; seeds small, thin-coated.

163722. No. 125. Las Carretas. Plants 3 feet high and spreading. Bolls small; seeds small, thinly covered with fuzz.

163723 to 163727. Gualán.

163723. No. 126. Plants 5 feet high, spreading. Bolls small and rounded; seeds small, partly naked.

163724. No. 127. Plants growing in clump about 9 feet high; bushy and spreading. Many fruits and yellow flowers. Bolls and seeds small.

163725. No. 128. Plants 3 feet high; upland type. Bolls average size and round; seeds small, partly naked.

163726. No. 129. Plants 10 feet high. Bolls average size and rounded, seeds with fuzzy tuft; plant prolific.

163727. No. 130. Plants 7 feet high and spreading. Bolls small and rounded, seeds with fuzzy tuft.

163728. No. 131. Originally from Canton de Pavas, Chile. Plants 15 to 18 feet high, like small trees; sea island type. Bolls very long and pointed; seeds reniform, with fuzzy tuft; flowers yellowish.

163729. No. 133. Gualán. Plants 20 feet high, and rather twisted and distorted. Bolls small and round, seeds small and fuzzy tipped.

163730. No. 134. Gualán. Plants 5 feet high, upright. Bolls small and round, seeds with fuzzy tuft.

163731 to 163733. From Minas Sanarate, El Progreso.

163731. No. 135. Apr. 15. Plants 4 to 8 feet high. Bolls average size and round, seed fuzz brownish-gray.

163732. No. 136. Apr. 14. Plants 7 feet high, upright. Bolls small and round, seeds with fuzzy tuft.

163733. No. 137. Apr. 15. Plants 3 to 7 feet high, upright, and reported to be 3 years old. Bolls average size, seed fuzz brownish-gray.

163734 to 163736. From the Department of Guatemala.

163734. No. 138. Mate Redondo. Apr. 15. Plants 6 to 8 feet high. Bolls average size and round, seeds with fuzzy tuft.

163735. No. 140. Fraijanes. Apr. 17. Bolls long and pointed; seeds with fuzzy tuft; lint white; flowers yellow, petal spotted.

163736. No. 141. Fraijanes. Apr. 17. Bolls oblong, bract tips 9 to 11, seeds with fuzzy tuft, lint white.

163737 to 163758. From the Department of Santa Rosa.

163737. No. 142. Barberena. Apr. 17. Plants 8 feet high. Bolls small for type, seeds with fuzzy tuft, lint white.

163738. No. 143. Barberena. Apr. 18. Plants 8 to 9 feet high. Bolls average size, bract tips 11 to 14, seeds with slight green fuzz, white lint.

163739 to 163741. From Nueva. Apr. 18.

163739. No. 144. Plants 5 to 7 feet high; upland type. Lint white, bract tips 4 to 6.

163740. No. 145. Plants 7 feet high; upland type. Bolls average size, lint white, seeds with dense fuzz, bract tips 3 to 9, flowers large and cream-colored, pollen yellow.

163741. No. 146. Lint white, seeds fuzzy.

163555 to 163761.—Continued**163600 to 163761.—Continued****163737 to 163758.—Continued**

163742. No. 147. Casillas. Apr. 18. Plants 4 to 6 feet high, upright. Bolls large; bract tips 7 to 11, large; flowers large, yellow; pollen yellow.

163743. No. 148. Casillas. Apr. 18. Upland type. Bolls average size, lint white, seeds fuzzy.

163744. No. 149. Nueva. Apr. 18. Upland type. Bolls average size, lint white, seeds fuzzy.

163745. No. 150. Santa Rosa de Lima. Apr. 18. Treelike, 16 to 18 feet high. Seeds reniform, with fuzzy tuft; lint white.

163746. No. 151. La Bellana, south of Taxisco. Apr. 19. *Marie-galante*. Plants about 20 feet high, several years old. Bolls small, lint white.

163747 to 163751. From Taxisco. Apr. 18 and 19.

163747. No. 152. *Marie-galante*. Plants 12 feet tall. Lint white, seed fuzz green, bract tips 3 or 4, pollen yellow.

163748. No. 153. *Marie-galante*. Plants 7 feet high. Bolls small, lint white, pollen yellow.

163749. No. 154. Plants 4 to 6 feet tall. Bolls long and pointed; lint white; seeds naked, reniform.

163750. No. 155. Plants 5 to 8 feet tall. Lint white, seeds small, flowers yellow.

163751. No. 156. Plants 4 feet high. Bolls small, lint white, bracts long and narrow.

163752. No. 157. Lake Ixpaco, Finca. Apr. 20. Plants 10 feet high. Bolls long and pointed, lint white, seeds naked.

163753. No. 158. Los Agostas. Apr. 20. Plants 15 feet high. Bolls smaller than average, long and pointed; lint white; bract tips 8 to 14; leaves $\frac{3}{4}$ -cut.

163754. No. 159. Finca Santa Cecilia. Apr. 20. Bolls small, lint white, seeds naked.

163755. No. 160. Near Pueblo Nueva Viñas. Apr. 20. Bolls small, long, and pointed; lint white; seeds naked; leaves $\frac{3}{4}$ -cut.

163756. No. 161. Finca Los Victorias, Pueblo Nueva Viñas. Apr. 20. Bolls small, long, and pointed; lint white; seeds with fuzzy tuft; leaves $\frac{3}{4}$ -cut.

163757. No. 162. Pueblo Nueva Viñas. Apr. 20. Plants 7 feet high. Bolls small, long; lint white; seeds with fuzzy tuft; bract tips 10 to 14; leaves $\frac{3}{4}$ -cut.

163758. No. 163. Los Corrales, Pueblo Nueva Viñas. Apr. 20. Bolls average size, somewhat elongated and pointed; lint white; seeds with fuzzy tuft; bract tips 10 to 12; leaves $\frac{1}{2}$ -cut.

163759 to 163761. From the Department of Guatemala.

163759. No. 164. Villa Nueva. Apr. 21. Bolls long, lint white, seeds naked, leaves $\frac{3}{4}$ -cut.

163760. No. 165. Villa Nueva. Apr. 21. Bolls long, lint white, seeds naked, leaves $\frac{3}{4}$ -cut.

163761. No. 166. Paso Caballo, Petin. Apr. 22.

163762 to 163987. RHODODENDRON. Ericaceae.

Azalea

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered in April 1948.

Varieties developed, tested and distributed from the United States Plant Introduction Garden, Glenn Dale, Md., by B. Y. Morrison. Known commonly in the trade as "Glenn Dale Hybrid Azaleas."

163762. <i>Refrain.</i>	163802. <i>Eucharis.</i>
163763. <i>Pied Piper.</i>	163803. <i>Dandy.</i>
163764. <i>Bowman.</i>	163804. <i>Meteor.</i>
163765. <i>Adorable.</i>	163805. <i>Rhapsody.</i>
163766. <i>Antique.</i>	163806. <i>Caraval.</i>
163767. <i>Roundelay.</i>	163807. <i>Bonanza.</i>
163768. <i>Moonstone.</i>	163808. <i>Rogue.</i>
163769. <i>Niphetos.</i>	163809. <i>Satyr.</i>
163770. <i>Scherzo.</i>	163810. <i>Arctic.</i>
163771. <i>Ave Maria.</i>	163811. <i>Bravo.</i>
163772. <i>Consolation.</i>	163812. <i>Nubian.</i>
163773. <i>Silver Cup.</i>	163813. <i>Zealot.</i>
163774. <i>Prodigal.</i>	163814. <i>Token.</i>
163775. <i>Winedrop.</i>	163815. <i>Darkness.</i>
163776. <i>Zephyr.</i>	163816. <i>Fandango.</i>
163777. <i>Trinket.</i>	163817. (No data.)
163778. <i>Baroque.</i>	163818. <i>Cordial.</i>
163779. <i>Guerdon.</i>	163819. <i>Coral Sea.</i>
163780. (No data.)	163820. <i>Trophy.</i>
163781. <i>Oriflamme.</i>	163821. <i>Masterpiece.</i>
163782. <i>Scholar.</i>	163822. <i>Parade.</i>
163783. <i>Egoist.</i>	163823. <i>Luminary.</i>
163784. <i>Blizzard.</i>	163824. <i>Altair.</i>
163785. <i>Allegory.</i>	163825. <i>Chameleon.</i>
163786. <i>Galaxy.</i>	163826. <i>Joker.</i>
163787. <i>Patriot.</i>	163827. <i>Punchinello.</i>
163788. <i>Silver Lace.</i>	163828. <i>Sorcerer.</i>
163789. <i>Sarabande.</i>	163829. <i>Taffeta.</i>
163790. <i>Folly.</i>	163830. <i>Valentine.</i>
163791. <i>Cavatina.</i>	163831. (No data.)
163792. <i>Killarney.</i>	163832. <i>Commando.</i>
163793. <i>Saga.</i>	163833. <i>Vestal.</i>
163794. <i>Harbinger.</i>	163834. <i>Picottee.</i>
163795. <i>Polar Sea.</i>	163835. <i>Firedance.</i>
163796. <i>Bohemian.</i>	163836. <i>Moonbeam.</i>
163797. <i>Dazzler.</i>	163837. <i>Seafoam.</i>
163798. <i>Carrara.</i>	163838. <i>Paprika.</i>
163799. <i>Cupid.</i>	163839. <i>Cocktail.</i>
163800. <i>Radiance.</i>	163840. <i>Pinto.</i>
163801. <i>Ember.</i>	163841. <i>Tomboy.</i>

163762 to 163987.—Continued

163842. <i>Cream Cup.</i>	163886. <i>Welcome.</i>
163843. <i>Moirá.</i>	163887. <i>Wisdom.</i>
163844. <i>Fawn.</i>	163888. <i>Mary Helen.</i>
163845. <i>Silver Moon.</i>	163889. <i>Veteran.</i>
163846. <i>Susannah.</i>	163890. <i>Jubilee.</i>
163847. <i>Boldface.</i>	163891. <i>Lyric.</i>
163848. <i>Vespers.</i>	163892. <i>Shannon.</i>
163849. <i>Trousseau.</i>	163893. (No data.)
163850. <i>Safrano.</i>	163894. <i>Sligo.</i>
163851. <i>Futurity.</i>	163895. <i>Echo.</i>
163852. <i>Dauntless.</i>	163896. <i>Allure.</i>
163853. <i>Niagara.</i>	163897. <i>Cantabile.</i>
163854. <i>Swansong.</i>	163898. <i>Bacchante.</i>
163855. <i>Cinnabar.</i>	163899. <i>Ambrosia.</i>
163856. <i>Lacquer.</i>	163900. <i>Megan.</i>
163857. <i>Surprise.</i>	163901. <i>Cremona.</i>
163858. <i>Spangles.</i>	163902. <i>Eros.</i>
163859. <i>Helen Fox.</i>	163903. <i>Sterling.</i>
163860. <i>Swagger.</i>	163904. <i>Pearl Bradford.</i>
163861. <i>Gnome.</i>	163905. <i>Sagittarius.</i>
163862. <i>Chum.</i>	163906. <i>Aztec.</i>
163863. <i>Vanguard.</i>	163907. <i>Epicure.</i>
163864. <i>Talisman.</i>	163908. <i>Bravura.</i>
163865. <i>Yeoman.</i>	163909. <i>Crusader.</i>
163866. <i>Gallant.</i>	163910. <i>Cranford.</i>
163867. <i>Presto.</i>	163911. <i>Mountebank.</i>
163868. <i>Frivolity.</i>	163912. <i>Stunner.</i>
163869. <i>Aviator.</i>	163913. <i>Fountain.</i>
163870. <i>Defiance.</i>	163914. <i>Fakir.</i>
163871. <i>Campfire.</i>	163915. <i>Seashell.</i>
163872. <i>Chanticleer.</i>	163916. <i>Pink Star.</i>
163873. <i>Sambo.</i>	163917. <i>Manhattan.</i>
163874. <i>Dragon.</i>	163918. <i>Jessica.</i>
163875. <i>Etna.</i>	163919. <i>Rosalie.</i>
163876. <i>Advance.</i>	163920. <i>Mary Margaret.</i>
163877. <i>Kobold.</i>	163921. <i>Kathleen.</i>
163878. <i>Whimsical.</i>	163922. <i>Leonore.</i>
163879. <i>Acrobat.</i>	163923. <i>Elizabeth.</i>
163880. <i>Nobility.</i>	163924. <i>Marjorie.</i>
163881. <i>Glee.</i>	163925. <i>Regina.</i>
163882. <i>Snow Wreath.</i>	163926. <i>Samson.</i>
163883. <i>Silver Mist.</i>	163927. <i>Copperman.</i>
163884. <i>Cadenza.</i>	163928. <i>Bolivar.</i>
163885. <i>Kohinoor.</i>	163929. <i>Sprite.</i>

163762 to 163987.—Continued

163930. <i>Camelot.</i>	163959. <i>Damask.</i>
163931. <i>Freedom.</i>	163960. <i>Angela Place.</i>
163932. <i>Snowscape.</i>	163961. <i>Helen Close.</i>
163933. <i>Driven Snow.</i>	163962. <i>Mavis.</i>
163934. <i>Cytherea.</i>	163963. <i>Masquerade.</i>
163935. <i>Zulu.</i>	163964. <i>Shimmer.</i>
163936. <i>Anthem.</i>	163965. <i>Janet Noyes.</i>
163937. <i>Pippin.</i>	163966. <i>Youth.</i>
163938. <i>Scout.</i>	163967. <i>Helen Gunning.</i>
163939. <i>Rose Ash.</i>	163968. <i>Lillie Maude.</i>
163940. <i>Con Amore.</i>	163969. <i>Louise Dowdle.</i>
163941. <i>Peter Pan.</i>	163970. <i>Furbelow.</i>
163942. <i>Alight.</i>	163971. <i>Pinnocchio.</i>
163943. <i>Crinoline.</i>	163972. <i>Puck.</i>
163944. <i>Novelty.</i>	163973. <i>Madcap.</i>
163945. <i>Requiem.</i>	163974. <i>Goblin.</i>
163946. <i>Polonaise.</i>	163975. <i>Motley.</i>
163947. <i>Sonata.</i>	163976. <i>Prosperity.</i>
163948. <i>Paladin.</i>	163977. <i>Memento.</i>
163949. <i>Snowclad.</i>	163978. <i>Dowager.</i>
163950. <i>Nocturne.</i>	163979. <i>Orison.</i>
163951. <i>Wavelet.</i>	163980. <i>Herald.</i>
163952. <i>Delilah.</i>	163981. <i>Grandam.</i>
163953. <i>Everest.</i>	163982. <i>Teresa.</i>
163954. <i>Cygnets.</i>	163983. <i>Catawba.</i>
163955. <i>Martha Hitchcock.</i>	163984. <i>Wildfire.</i>
163956. <i>Bountiful.</i>	163985. <i>Bagdad.</i>
163957. <i>Progress.</i>	163986. <i>Mandarin.</i>
163958. <i>Harlequin.</i>	163987. <i>Conquest.</i>

163988 to 163996. VITIS VINIFERA L. Vitaceae. European grape.

From Kansas. Plants purchased from E. H. Schroeder & Co., Hutchinson.
Received Apr. 30, 1948.

163988. No. 12129. <i>Seyve-Villard.</i>	163993. No. 18283. <i>Seibel.</i>
163989. No. 12347. <i>Seyve-Villard.</i>	163994. No. 18402. <i>Seyve-Villard.</i>
163990. No. 12401. <i>Seyve-Villard.</i>	163995. No. 15174. <i>Seyve-Villard.</i>
163991. No. 12395. <i>Seyve-Villard.</i>	163996. No. 15403. <i>Seyve-Villard.</i>
163992. No. 12413. <i>Seyve-Villard.</i>	

163997 to 163999. SACCHARUM. Poaceae. Sugarcane.

From India. Cuttings presented by the Sugarcane Experiment Station,
Coimbatore. Received May 4, 1948.

163997. <i>Kansar.</i>
163998. <i>Coimbatore.</i>
163999. <i>Saretha.</i>

164000 and 164001.

From Czechoslovakia. Seeds presented by Dr. Jan Taubert, State Agricultural Research Institute, Tabor. Received May 4, 1948.

164000. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

164001. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

164002 to 164008.

From India. Seeds presented by the Sugarcane Experiment Station, Coimbatore. Received May 4, 1948.

164002. *ANDROPOGON* sp. Poaceae.

164003. *HETEROPOGON CONTORTUS* (L.) Beauv. Poaceae.

164004. *SACCHARUM* sp. Poaceae.

Katha.

164005. *SACCHARUM* sp.

Pansahi.

164006. *SACCHARUM SPONTANEUM* L.

G. 1051.

164007. *SCLEROSTACHYA FUSCA* (Roxb.) A. Camus. Poaceae.

164008. *THEMEDA TRIANDRA* Forsk. Poaceae.

Rooi grass.

164009 to 164012.

From India. Seeds presented by Lt. Col. E. H. Hate's Memorial Research Institute, Bombay. Received May 5, 1948.

164009. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

164010. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

Indian.

164011. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

Bajri.

164012. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

Nephad.

164013 to 164092.

From Brazil. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 14, 1948.

Collected in 1948.

164013 to 165037. From Cuiabá, Matto Grosso. Mar. 14, 15, and 16.

164013. *ARACHIS GLABRATA* Benth. Fabaceae.

Peanut.

No. 278.

164014. *PHASEOLUS* sp. Fabaceae.

No. 306. Trailing vine 4 to 10 feet long; flowers purple.

164015. (Undetermined.)

No. 307. Ornamental vine with large pink-purple flowers.

164016. (Undetermined.)

No. 309. Shrub 8 to 12 feet high. Fruit $\frac{1}{2}$ by 3 inches, aromatic, in clusters of 3 to 6, filled with black seeds.

164017. *LUFFA* sp. Cucurbitaceae.

No. 309. A vine with dusty yellow flowers and odd-shaped, yellow, cocoon-like fruits 2 to 3 inches long.

164013 to 164092.—Continued

164013 to 165037.—Continued

164018. (Undetermined.)

No. 310. Plant 3 feet tall; flowers bluish-purple.

164019. *ARISTIDA* sp. Poaceae.

No. 311.

164020. *DESMODIUM* sp. Fabaceae.

No. 312. Plant about 7 feet high.

164021. *CENTROSEMA* sp. Fabaceae.No. 313. Plant ornamental; stiffly upright. Flowers deep-red, about $1\frac{1}{2}$ inch long.164022. *ADESMIA* sp. Fabaceae.

No. 314. Slender plant 3 feet high.

164023. *PASPALUM* sp. Poaceae.

No. 315. Cespitose, about 18 inches high.

164024. *ERAGROSTIS RUFESCENS* Schult. Poaceae.

No. 316. About 18 inches high.

164025. *STIPA* sp. Poaceae.

No. 318. Plants 4 to 6 feet high.

164026. *AXONOPUS* sp. Poaceae.

No. 319. Plants upright, 5 to 6 feet high, with narrow leaves.

164027. (Undetermined.)

No. 320. An ornamental vine with berries about $\frac{1}{2}$ inch in diameter. When these burst, they resemble small bright-red butterflies.164028. *PASPALUM* sp. Poaceae.

No. 321. Cespitose, 6 to 8 feet high.

164029. *ANDROPOGON* sp. Poaceae.

No. 322. Cespitose, 5 feet high.

164030 to 164032. *PASPALUM* spp. Poaceae.164030. *PASPALUM* sp.

No. 323. Plants about 3 feet high.

164031. *PASPALUM* sp.

No. 324. Cespitose, about 18 inches high.

164032. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

No. 325. Broad-leaf red type.

164033. *PASSIFLORA* sp. Passifloraceae.

No. 326. Shrub about 6 feet high with large and leathery leaves. Fruits yellow, about the size of a lemon.

164034. *CASSIA ALATA* L. Fabaceae.

Ringworm cassia.

No. 328. Shrub up to 10 feet high, with large panicles of bright-yellow flowers.

164035. *THRASYA* sp. Poaceae.

No. 329.

164036. *SETARIA VULPISSETA* (Lam.) Roem. & Schult. Poaceae.

No. 330.

164037. *STIPA* sp. Poaceae.

No. 331. Plants 3 to 5 feet high.

164013 to 164092.—Continued

- 164038 to 164042. From Santa Maria da Vitória, Bahia. Mar. 25.
164038. *ERIOSEMA CRINITA* (H. B. K.) G. Don. Fabaceae.
No. 332. Small erect annual about 8 inches high with yellow flowers.
164039. *TEPHROSIA* sp. Fabaceae.
No. 333. A rampant vetch-like plant with pinnate leaves.
164040. *RHYNCHOSIA LINEATA* Benth. Fabaceae.
No. 334. Erect plant with grayish pubescent leaves.
164041. *PASPALUM DILATATUM* Poir. Poaceae. **Dallis grass.**
No. 335.
164042. *DESMODIUM UNCINATUM* (Jacq.) DC. Fabaceae.
No. 336. Semiprostrate with long leafy stems.
164043. *PHASEOLUS LATHYROIDES* L. Fabaceae.
No. 337. Originally from Asunción, Paraguay. Mar. 1. Trailing vine with purple flowers.
164044. *STYLOSANTHES MONTEVIDENSIS* Vogel. Fabaceae.
No. 338. Pôrto Alegre, Rio Grande do Sul. Mar. 27. Slender, erect stems.
- 164045 and 164046. *DESMODIUM BARBATUM* (L.) Benth. Fabaceae.
164045. No. 339. Pôrto Alegre, Rio Grande do Sul. Mar. 27. Prostrate, leafy.
164046. No. 340. Butantan, São Paulo. Mar. 16. Prostrate or ascending, leafy.
164047. *PHASEOLUS ERYTHOLOMA* Benth. Fabaceae.
No. 342. Florianópolis, Santa Catarina. Mar. 29. Dominant vine.
164048. *PASPALUM PLICATULUM* Michx. Poaceae. **Black grass.**
No. 343. Butantan, São Paulo. Mar. 16. Tall leafy grass.
164049. *STYLOSANTHES GRACILIS* H. B. K. Fabaceae.
No. 344. Butantan, São Paulo. Mar. 16.
- 164050 to 164054. From Pôrto Alegre, Rio Grande do Sul. Mar. 27.
164050. *DESMODIUM ADSCENDENS* (Sw.) DC. Fabaceae.
No. 345. Forms mat that withstands tramping and grazing well.
164051. *STYLOSANTHES LEIOCARPA* Vogel. Fabaceae.
No. 346. Semiprostrate.
164052. *SOLANUM PSEUDOCAPSICUM* L. Solanaceae. **Jerusalem-cherry.**
No. 347.
164053. *PASPALUM NOTATUM* Fluegge. Poaceae. **Bahia grass.**
No. 348.
164054. *ANDROPOGON LATERALIS* Nees. Poaceae.
No. 349. Cespitose with slender, erect culms.
164055. *STYLOSANTHES JUNCEA* Micheli. Fabaceae.
No. 350. Santa Maria da Vitória, Bahia. Mar. 25. Tall, erect, rushlike plant with small leaves.
164056. *STRYPHNODENDRON BARBATIMAM* Mart. Fabaceae.
No. 351. Barbatino. Forest Experiment Station, Mogi-Mirim, São Paulo. Mar. 19.
164057. *CASSIA PATELLARIA* DC. Fabaceae.
No. 352. Florianópolis, Santa Catarina. Mar. 29. Erect, leafy.

164013 to 164092.—Continued

164058. *PITHECELLOBIUM LUSORIUM* Benth. Fabaceae.
No. 353. Instituto Botanico, São Paulo. Mar. 15.
- 164059 and 164060. *PASPALUM* spp. Poaceae.
164059. *PASPALUM NOTATUM* Fluegge. Bahia grass.
No. 354. Santa Maria da Vitória, Bahia.
164060. *PASPALUM PANICULATUM* L.
No. 355. Santa Maria da Vitória, Bahia. Mar. 25.
164061. *LEUCAENA GLAUCA* (L.) Benth. Fabaceae.
No. 379. Botanic Garden, Rio de Janeiro. Apr. 1.
164062. *TIBOUCHINA GRANULOSA* (Desr.) Cogn. Melastomaceae.
No. 381. Botanic Garden, Rio de Janeiro. Apr. 1.
164063. *SOLANUM* sp. Solanaceae.
No. 382. Santa Maria da Vitória, Bahia. Mar. 25. Small shrub, 2 feet high, with round red berries.
164064. *PHOEBE POROSA* Mez. Lauraceae.
No. 383. Imbuia. Instituto Botanico, São Paulo. Mar. 15. Large tree with dense foliage.
164065. *PASPALUM URVILLEI* Steud. Poaceae. Vasey grass.
No. 384. Florianópolis, Santa Catarina. Mar. 29.
164066. *ARISTOLOCHIA GIGANTEA* Mart. & Zucc. Aristolochiaceae.
No. 385. Instituto Botanico, São Paulo. Mar. 15. Climbing plant with large cordate leaves.
164067. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae. Yam-bean.
No. 386. Instituto Botanico, São Paulo. Mar. 15. Leguminous herb with large edible tubers.
164068. *BIXA ORELLANA* L. Bixaceae. Anatto-tree.
No. 387. Instituto Botanico, São Paulo. Mar. 15. Flowers deep-red.
164069. *INDIGOFERA SUFFRUTICOSA* Mill. Fabaceae. Indigo.
No. 388. Between Campinas and Mogi-Mirim, São Paulo. Mar. 19. Shrub 5 feet high.
164070. *DESMODIUM BARBATUM* (L.) Benth. Fabaceae.
No. 389. Santa Maria da Vitória, Bahia. Mar. 25. Semiprostrate, leafy.
164071. *PHARUS GLABER* H. B. K. Poaceae.
No. 390. Santa Maria da Vitória, Bahia. Mar. 25.
164072. *ORMOSIA MINOR* Vogel. Fabaceae.
No. 391. Instituto Botanico, São Paulo. Mar. 15. Tree with pinnate leaves and panicles of purplish-red flowers.
164073. *AXONOPUS ULEI* (Hack.) Swallen. Poaceae.
No. 392. Pôrto Alegre, Rio Grande do Sul. Mar. 27. Plants have harsh, narrow basal foliage.
164074. *STRYPHNODENDRON BARBATIMAM* Mart. Fabaceae.
No. 393. Forest Experiment Station, Mogi-Mirim, São Paulo. Tree, small to medium size and much-branched; bark contains up to 40 percent tannin.
164075. *RENEALMIA BRASILIENSIS* K. Schum. Zingiberaceae.
No. 394. *Pacova*. Instituto Botanico, São Paulo. Mar. 14.

164013 to 164092.—Continued

164076. *CROTALARIA STIPULARIA* Desv. Fabaceae.

No. 395. Between Campinas and Mogi-Mirim, São Paulo. Mar. 19. Erect annual about 1 foot high.

164077. *PASPALUM* sp. Poaceae.

No. 396. Florianópolis, Santa Catarina. Mar. 21. Tall, erect, leafy grass.

164078. *DESMODIUM CANUM* (Gmel.) Schinz & Thell. Fabaceae.

No. 397. Santa Maria da Vitória, Bahia. Mar. 25.

164079. *PASPALUM* sp. Poaceae.

No. 398. Curitiba, Paraná. Mar. 21.

164080. *CHLORIS ARGENTINA* (Hack.) Lillo & Parodi. Poaceae.

No. 399. Santa Maria da Vitória, Bahia. Mar. 25. Culms up to 4 feet high with good leafy basal growth.

164081. *DESMODIUM CANUM* (Gmel.) Schinz & Thell. Fabaceae.

No. 400. Santa Maria da Vitória, Bahia. Mar. 25. Leafy prostrate stems.

164082. *AXONOPUS PRESSUS* (Nees) Parodi. Poaceae.

No. 401. Forest Experiment Station, Mogi-Mirim, São Paulo. Mar. 19. Tall, leafy grass; excellent forage plant.

164083. *DOYYALIS CAFFRA* (Hook. & Harv.) Warb. Flacourtiaceae. **Kei-apple.**

No. 402. Instituto Botanico, São Paulo. Mar. 15. A spiny shrub up to 8 feet high. Native to South Africa.

164084. *DESMODIUM BARBATUM* (L.) Benth. Fabaceae.

No. 403. Florianópolis, Santa Catarina. Mar. 21. Semiprostrate, leafy plant.

164085. *PASPALUM PLICATULUM* Michx. Poaceae.

Black grass.

No. 404. Santa Maria da Vitória, Bahia. Mar. 25.

164086. *PASPALUM HYALINUM* Trin.

No. 405. Butantan, São Paulo. Mar. 16. Small, fine-leaved grass, found only in rocky places.

164087. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

No. 406. Santa Maria da Vitória, Bahia. Mar. 25.

164088. *ZORNIA DIPHYLLA* (L.) Pers. Fabaceae.

No. 407. Santa Maria da Vitória, Bahia. Mar. 25. Prostrate, with dense foliage.

164089. *SORGHUM ARUNDINACEUM* (Willd.) Stapf. Poaceae.

No. 408. Santa Maria da Vitória, Bahia. Mar. 25.

164090. *STYLOSANTHES GUIANENSIS* (Aubl.) Swartz. Fabaceae.

No. 409. Butantan, São Paulo. Mar. 16. Tall, leafy, pasture plant.

164091. *ANDROPOGON LATERALIS* Nees. Poaceae.

No. 410. Santa Maria da Vitória. Mar. 25. Slender, erect culms.

164092. *PAULLINIA* sp. Sapindaceae.

No. 411. Botanic Garden, Rio de Janeiro. Mar. 31. Woody vine with clusters of pink fruits $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter.

164093 to 164096. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

From Switzerland. Seeds presented by Dr. M. A. Grafl, G. R. Vatter Seeds, Ltd., Berne. Received May 7, 1948.

164093. Dwarf type.

164095. Dwarf type.

164094. Dwarf type.

164096. Pole type.

164097 to 164102. ZEA MAYS L. Poaceae.**Corn.**

From Switzerland. Seeds presented by the Swiss Experiment Station for Agriculture, Zurich-Oerlikon. Received May 10, 1948.

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| 164097. <i>Campascio.</i> | 164100. <i>Rheinfaler.</i> |
| 164098. <i>Domleschg; Paubringen.</i> | 164101. <i>Sagens.</i> |
| 164099. <i>Uznach.</i> | 164102. <i>Scala.</i> |

164103 to 164128. ZEA MAYS L. Poaceae.**Corn.**

From Mexico. Seeds presented by Dr. E. J. Wellhausen, Office of Special Studies, San Jacinto, Distrito Federal. Received May 10, 1948.

Originally from various sources.

164103 and 164104. From Colombia.

164103. 975-1, P-243.

164104. 1048-11.

164105 and 164106. From Guatemala.

164105. 1.

164106. 22.

164107 to 164114. From Costa Rica.

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| 164107. IV-941-1-3. | 164111. IV-1391-1-3. |
| 164108. IV-38-8-3. | 164112. IV-1408-1-3. |
| 164109. IV-507-4-3. | 164113. IV-1710-3-3. |
| 164110. IV-523-1-3. | 164114. IV-190-3-3. |

164115 to 164128. From Chiapas, Mexico.

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| 164115. 96. | 164122. 53. |
| 164116. 137. | 164123. 59. |
| 164117. 141. | 164124. 153. |
| 164118. 55. | 164125. 158. |
| 164119. 25. | 164126. 176. |
| 164120. 30. | 164127. 182. |
| 164121. 48. | 164128. 54. |

164129 to 164134.

From England. Plants presented by the Royal Botanic Gardens, Kew, Surrey. Received May 11, 1948.

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| 164129. <i>ARUNDINARIA ANCEPS</i> (Mitf.) Poaceae. | Bamboo. |
| 164130. <i>CHIMONOBAMBUSA FALCATA</i> (Nees) Nakai. Poaceae. | Ningala bamboo. |
| 164131. <i>ARUNDINARIA GRAMINEA</i> (Mitf.) Makino. Poaceae. | |
| 164132. <i>SINARUNDINARIA MURIELAE</i> (Gamble) Nakai. Poaceae. | Bamboo. |
| 164133. <i>SINARUNDINARIA NITIDA</i> (Mitf.) Nakai. | |
| 164134. <i>ARUNDINARIA VAGANS</i> Gamble. Poaceae. | |

164135 to 164187.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 11, 1948.

Collected in 1948.

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| 164135. <i>TRITICUM AESTIVUM</i> L. Poaceae. | Common wheat. |
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No. 8814. *Gahun*. Sawai Malpura, Jaipur. Feb. 10. Spring type, drought-tolerant.

164135 to 164187.—Continued

164136 to 164186. From the Central Provinces.

164136 to 164140. From Khandwa. Feb. 17.

164136. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

No. 8839. *Gajar*.164137. *SORGHUM* sp. Poaceae.No. 8840. *Jawar*.164138. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 8841. *Jao*. Spring type.164139. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 8842. *Gehun*. Spring type.164140. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

No. 8849. *Mehti*.

164141 to 164153. From Itarsi. Feb. 19.

164141. *TRIGONELLA FOENUM-GRÆCUM* L.

Fenugreek.

No. 8852. *Mehti*.164142. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

No. 8853. *Til*.164143. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 8854. *Gehun*. Spring type.164144. *CAJANUS CAJAN* (L.) Druce. Fabaceae.

Pigeonpea.

No. 8855. *Harar*.164145. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 8856. *Gehun*. Spring type.164146. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 8857. *Tarbuza*. Fruit 8 inches long, green, faintly marked; flesh red, fair quality. Grown on pure sand of Nerbudda River bed.164147 and 164148. *PISUM SATIVUM* L. Fabaceae.

Pea.

164147. No. 8858. *Matar*.164148. No. 8859. *Matar*.164149. *SORGHUM VULGARE* Pers. Poaceae.No. 8861. *Juar*.164150. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 8862. *Gehun*. Spring type.164151. *PHASEOLUS MUNGO* L. Fabaceae.

Urd.

No. 8863. *Mash*.164152 and 164153. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

164152. No. 8864. *Kanak*. Spring type.164153. No. 8865. *Gehun*. Spring type.

164154 to 164156. From Nagpur. Feb. 21.

164154. *TRITICUM AESTIVUM* L.No. 8866. *Gehun*. Spring type.164155 and 164156. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

164155. No. 8867. *Bins*.164156. No. 8868. *Doublebin*.

164135 to 164187.—Continued

164136 to 164186.—Continued

- 164157 to 164165. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
From Itarsi. Feb. 19.
- 164157 to 164160. *Kanak*. Spring type.
164157. No. 8859. 164159. No. 8871.
164158. No. 8870. 164160. No. 8872.
- 164161 to 164165. *Gchun*.
164161. No. 8873. Spring type.
164162. No. 8874. Spring type.
164163. No. 8875.
164164. No. 8876. Spring type.
164165. No. 8877. Spring type.
- 164166 to 164186. From Nagpur. Feb. 21.
164166. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 8878.
164167. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.
No. 8879. *Toruja*.
164168. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.
No. 8880. *Kadu*. Good keeper, but flesh of poor quality.
164169. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 8881. *Bhindi*.
164170. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.
No. 8882. *Gawar*.
164171. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
No. 8883. *Bengan*. Fruit of medium size, round, purple.
164172. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 8885. *Palak*. "Rootless" type.
164173. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 8886. *Kakri*.
164174. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 8887. *Jao*.
164175. *AVENA SATIVA* L. Poaceae. Common oats.
No. 8888.
164176. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 8889. *Pujaz*.
164177. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 8890. *Tomater*.
164178. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 8891. *Muli*.
164179. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 8892. *Kakri*.
164180. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
No. 8893. *Mehti*.

164135 to 164187.—Continued

164136 to 164186.—Continued

164166 to 164186.—Continued

164181. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.

No. 8894.

164182. *PISUM SATIVUM* L. Fabaceae. Pea.No. 8895. *Matar*.164183. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.No. 8896. *Gahun*. Spring type.164184. *SORGHUM VULGARE* Pers. Poaceae.No. 8897. *Jawar*.164185. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.No. 8898. *Mirch*. Flesh sweet, seeds mild to hot.164186. *SORGHUM VULGARE* Pers. Poaceae.No. 8899. *Jawar*.164187. *CUCUMIS* sp. Cucurbitaceae.No. 8903. *Kachhri*. Khandar, Jaipur. Feb. 13.164188. *ARACHIS HYPOGAEA* f. *NAMBYQUARAE* (Hoehne) Hermann. Common peanut.
Fabaceae.

From Brazil. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received May 12, 1948.

No. 1335. *Amendoim Pombo*.164189 to 164244. *EUCALYPTUS* spp. Myrtaceae.

From France. Seeds presented by Vilmorin-Andrieux et Cia, Paris. Received May 12, 1948.

164189. *EUCALYPTUS TRIANTHA* Link.164190. *EUCALYPTUS ALGERIENSIS* Trabut.164191. *EUCALYPTUS SALICIFOLIA* (Sol.) Cav.164192. *EUCALYPTUS CALOPHYLLA* Lindl.164193. *EUCALYPTUS CAPITELLATA* J. E. Smith.164194. *EUCALYPTUS CINEREA* F. Muell.164195. *EUCALYPTUS DIVERSICOLOR* F. Muell.

Karri gum.

164196. *EUCALYPTUS CONSIDENEANA* Maiden.164197. *EUCALYPTUS PAUCIFLORA* Sieber.

White gum.

164198. *EUCALYPTUS CORNUTA* Labill.

Yate-tree.

164199. *EUCALYPTUS CREBRA* F. Muell.

Narrowleaf ironbark.

164200. *EUCALYPTUS EREMOPHILA* (Diels) Maiden.164201. *EUCALYPTUS EUGENIOIDES* Sieber.164202. *EUCALYPTUS EXIMIA* Schauer.164203. *EUCALYPTUS FASTIGIATA* Deane & Maiden.164204. *EUCALYPTUS FOECUNDA* Schauer.164205. *EUCALYPTUS GLOBULUS* Labill.

Blue gum.

164206. *EUCALYPTUS GOMPHOCEPHALA* DC.

Tooart.

164207. *EUCALYPTUS GUNNII* Hook. f.

Cider gum.

164208. *EUCALYPTUS HAEMASTOMA* J. E. Smith.

164189 to 164244.—Continued

164209.	EUCALYPTUS HEMIPHLOIA F. Muell.	
164210.	EUCALYPTUS LEUCOXYLON F. Muell.	White ironbark.
164211.	EUCALYPTUS LONGIFOLIA Link.	Woollybutt.
164212.	EUCALYPTUS MACARTHURI Deane & Maiden.	
164213.	EUCALYPTUS MACROCARPA Hook.	
164214.	EUCALYPTUS MACRORHYNCHA F. Muell.	Victoria stringybark.
164215.	EUCALYPTUS MACULATA Hook.	Spotted gum.
164216.	EUCALYPTUS MAIDENI F. Muell.	
164217.	EUCALYPTUS MELLIODORA A. Cunn.	Honey gum.
164218.	EUCALYPTUS MUELLERI T. B. Moore.	
164219.	EUCALYPTUS NITENS (Deane & Maiden) Maiden.	
164220.	EUCALYPTUS OBLIQUA L'Her.	Messmate gum.
164221.	EUCALYPTUS OBTUSIFLORA DC.	
164222.	EUCALYPTUS OCCIDENTALIS Endl.	Flat-top gum.
164223.	EUCALYPTUS PANICULATA J. E. Smith.	
164224.	EUCALYPTUS PILULARIS J. E. Smith.	Blackbutt.
164225.	EUCALYPTUS PIPERITA J. E. Smith.	Tasmanian stringybark.
164226.	EUCALYPTUS PLANCHONIANA F. Muell.	
164227.	EUCALYPTUS POLYANTHEMOS Schauer.	Redbox.
164228.	EUCALYPTUS PREISSIANA Schauer.	
164229.	EUCALYPTUS CINEREA F. Muell.	
164230.	EUCALYPTUS PUNCTATA DC.	Leatherjacket.
164231.	EUCALYPTUS PYRIFORMIS Turcz.	
164232.	EUCALYPTUS REGNANS F. Muell.	
164233.	EUCALYPTUS RESINIFERA J. E. Smith.	Mahogany gum.
164234.	EUCALYPTUS ROBUSTA J. E. Smith.	Brown gum.
164235.	EUCALYPTUS CAMALDULENSIS Dehnh.	
164236.	EUCALYPTUS RUBIDA Deane & Maiden.	
164237.	EUCALYPTUS RUDIS Endl.	Desert gum.
164238.	EUCALYPTUS SALIGNA J. E. Smith.	
164239.	EUCALYPTUS SIEBERIANA F. Muell.	
164240.	EUCALYPTUS SMITHII R. T. Baker.	
164241.	EUCALYPTUS STELLULATA DC.	
164242.	EUCALYPTUS STUARTIANA F. Muell.	Apple gum.
164243.	EUCALYPTUS TORQUATA Luehm.	
164244.	EUCALYPTUS VIMINALIS Labill.	Manna gum.

164245 to 164248.

From Liberia. Seeds collected by J. T. Baldwin, Jr., William & Mary College, Williamsburg, Va. Received May 11, 1948.

Collected near Greenville, Sinoe County.

164245. SORGHUM sp. Poaceae.

164246. SORGHUM sp.

164247 and 164248. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

164247. From Monrovia.

164248. Small and bitter.

164249 to 164260.

From Brazil. Seeds presented by the Departamento da Produção Vegetal, Campinas, São Paulo. Received May 10, 1948.

164249. *CALOPOGONIUM MUCUNOIDES* Desv. Fabaceae.

164250. *CLITORIA TERNATEA* L. Fabaceae.

164251. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

164252. *DESMODIUM DISCOLOR* Vogel. Fabaceae.

Marmelada de Cavalo.

164253. *ERAGROSTIS CURVULA* (Schrad.) Nees. Poaceae.

Capim Chorão.

164254. *LEUCAENA GLAUCA* (L.) Benth. Fabaceae.

164255 to 164259. *PASPALUM* spp. Poaceae.

164255. *PASPALUM* sp.

164256. *PASPALUM* sp.

164257. *PASPALUM MANDIOCANUM* Trin.

Grama Macae.

164258. *PASPALUM MARITIMUM* Trin.

Capim Gengibre.

164259. *PASPALUM CONVEXUM* Humb. & Bonpl.

Grama Tio Pedro.

164260. *TEPHROSIA CANDIDA* DC. Fabaceae.

164261. *GOSSYPIUM*. Malvaceae.

Cotton.

From Costa Rica. Seeds collected by Raymond C. Hogshead, Plymouth, Fla. Received May 24, 1948.

Near Turrialba.

164262 and 164263.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received May 19, 1948.

164262. *CHLORIS* sp. Poaceae.

164263. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.

Bushman grass.

164264. *PHILADELPHUS*. Hydrangeaceae.

Mockorange.

From Canada. Plants presented by W. R. Leslie, Dominion Experimental Farm, Morden, Manitoba. Received June 2, 1948.

Silvia.

164265 to 164353.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 30, 1948.

Collected in 1948.

164265. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

No. 8860. *Mung*. Itarsi, Central Provinces. Feb. 19.

164266. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

No. 9001. Ootacamund, Madras. Mar. 3.

164267. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9002. *Ganji*. Ootacamund, Madras. Mar. 4.

164265 to 164353.—Continued

164268 to 164295. From Madras, Madras State. Feb. 23 and 24.

164268. *ALLIUM CEPA* L. Liliaceae.

Onion.

No. 8904. *Pujaz*.164269 and 164270. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

164269. No. 8905. *Sharbatanar*. Fruit subglobose, pale-lemon, smooth; flesh $1\frac{1}{4}$ inches thick, white, and sweet.164270. No. 8906. *Kharbuza*. Fruit flattened, 7 by $3\frac{1}{2}$ inches, smooth, orange-yellow; flesh salmon, $1\frac{1}{2}$ to $1\frac{3}{4}$ inches thick.164271. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 8907. Long red type.

164272. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.

Cauliflower.

No. 8908. Early.

164273. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

No. 8909.

164274. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 8910.

164275. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.

Cabbage.

No. 8911.

164276. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

No. 8912.

164277. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 8913. *Genum*. Long, purple.164278. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 8914. Large, red.

164279. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 8915. Large, red.

164280. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.

Cauliflower.

No. 8916.

164281. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

No. 8917.

164282. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 8918. Large, red, bullnose variety.

164283. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 8919. Fruit globose, white.

164284. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 8920. Long variety.

164285. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 8921.

164286. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 8922. Long, purple.

164287. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 8923. Long slender, red variety.

164288. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 8924. Round type.

164265 to 164353.—Continued

164268 to 164295.—Continued

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| 164289. CAPSICUM FRUTESCENS L. Solanaceae. | Redpepper. |
| No. 8925. Long triangular red. | |
| 164290. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| No. 8926. Reported to be large red variety. | |
| 164291. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| No. 8927. Roots globose, red. | |
| 164292. BETA VULGARIS L. Chenopodiaceae. | Beet. |
| No. 8928. Roots globose, red. | |
| 164293 and 164294. SOLANUM MELONGENA L. Solanaceae. | Eggplant. |
| 164293. No. 8929. Round, purple. | |
| 164294. No. 8930. Round, purple. | |
| 164295. BRASSICA OLERACEA var. GONGYLODES L. Brassicaceae. | Kohlrabi. |
| No. 8931. | |
| 164296 to 164317. From Coimbatore, Madras. Feb. 26 and 27. | |
| 164296. PHASEOLUS LUNATUS L. Fabaceae. | Lima bean. |
| No. 8932. Said to have been imported from Burma. | |
| 164297. SESAMUM. Pedaliaceae. | Sesame. |
| No. 8933. Said to be <i>S. prostratum</i> × <i>indicum</i> . From the oilseed specialist, Coimbatore Agricultural College. | |
| 164298. VIGNA SINENSIS (Torner) Savi. Fabaceae. | Cowpea. |
| No. 8934. <i>Tatapayaru</i> . | |
| 164299. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. | Guar. |
| No. 8935. <i>Kataveri</i> . Green pods eaten. | |
| 164300. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| No. 8936. <i>Avereh</i> . | |
| 164301. PHASEOLUS AUREUS Roxb. | Mung bean. |
| No. 8937. <i>Pachapayaru</i> . | |
| 164302. DOLICHOS LABLAB L. Fabaceae. | Hyacinth-bean. |
| No. 8938. <i>Machakotai</i> . Green pods eaten. | |
| 164303. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| No. 8939. <i>Mulangi</i> . | |
| 164304. PISUM SATIVUM L. Fabaceae. | Pea. |
| No. 8940. <i>Patani</i> . | |
| 164305. SOLANUM MELONGENA L. Solanaceae. | Eggplant. |
| No. 8941. <i>Katari</i> . | |
| 164306. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| No. 8942. <i>Avereh</i> . | |
| 164307. DOLICHOS LABLAB L. Fabaceae. | Hyacinth-bean. |
| No. 8943. <i>Machakotai</i> . | |
| 164308. VIGNA SINENSIS (Torner) Savi. Fabaceae. | Cowpea. |
| No. 8944. <i>Karamani</i> . | |
| 164309. TRITICUM AESTIVUM L. Poaceae. | Common wheat. |
| No. 8945. <i>Godumai</i> . | |

164265 to 164353.—Continued

164296 to 164317.—Continued

- 164310 and 164311. *CAPSIUM FRUTESCENS* L. Solanaceae. Redpepper.
 164310. No. 8946. *Kochikai*. Small, red, mild variety.
 164311. No. 8947. *Kochikai*. Small, red, hot variety.
164312. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.
 No. 8948. *Pushnikai*.
164313. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 No. 8949.
164314. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
 No. 8950.
164315. *AVENA SATIVA* L. Poaceae. Common oats.
 No. 8951.
164316. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
 No. 8952. *Olandu*.
164317. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
 No. 8954. *Yellu*.
164318. *AVENA SATIVA* L. Poaceae. Common oats.
 No. 8985. *Oats*. Ootacamund, Madras. Mar. 3.
- 164319 to 164331. From Coimbatore, Madras. Feb. 27.
164319. *DOLICHOS BIFLORUS* L. Fabaceae.
 No. 8955-A. *Kollu*.
164320. *CUCUMIS* sp. Cucurbitaceae.
 No. 8956. *Velleri*.
164321. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
 No. 8957. *Katari*. Fruit subovoid, 2 to 3 inches long, greenish with purple lines, very seedy.
164322. *BENINCASA HISPIDA* (Thunb.) Cogn. Cucurbitaceae. Waxgourd.
 No. 8958. Fruit 18 by 12 inches, deeply ribbed, green.
164323. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 No. 8959. *Velleri*. Fruit subovoid, 6 by 4 inches, smooth, golden-russet with irregular stripes of yellow. Flesh $1\frac{1}{2}$ inches thick, white, rather spongy.
164324. *CARICA PAPAYA* L. Papayaceae. Papaya.
 No. 8961. *Babali*. Fruit 10 by $5\frac{1}{2}$ inches; flesh bright red-orange.
164325. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
 No. 8962. *Vendiam*.
164326. *SOLANUM* sp. Solanaceae.
 No. 8963. *Sunda Kowatal*.
164327. *CUCUMIS* sp. Cucurbitaceae.
 No. 8964. *Velleri*.
- 164328 to 164331. *CUCUMIS MELO* L. Muskmelon.
 164328. No. 8965. *Velleri*. Fruit subglobose, netted, deeply ribbed, orange blotched with green. Flesh $1\frac{3}{4}$ inches thick, salmon, mealy.
 164329. No. 8966. Fruit globose, golden-russet, netted. Flesh $1\frac{1}{2}$ to 2 inches thick, salmon, mealy.

164265 to 164353.—Continued

164319 to 164331.—Continued

164328 to 164331.—Continued

164330. No. 8967. Fruit elongate, spindle-shaped, 10 by 4½ inches, golden-russet ribbed with yellow, faintly netted. Flesh 1¼ inches thick, pale-salmon, insipid.

164331. No. 8968. Fruit football-shaped, 10 by 5 inches, smooth, green blotched with yellow. Flesh 2 inches thick, white, insipid.

164332 to 164342. From Ootacamund, Madras. Feb. 29.

164332. *Vicia faba* L. Fabaceae.

Broadbean.

No. 8971.

164333 and 164334. *Phaseolus vulgaris* L. Fabaceae.

Common bean.

164333. No. 8972. *Avereh*.

164334. No. 8973. *Avereh*.

164335. *Phaseolus aconitifolius* Jacq.

Moth bean.

No. 8974. *Nairipayaru*.

164336. *Phaseolus aureus* Roxb.

Mung bean.

No. 8975. *Pachapayaru*.

164337. *Vigna sinensis* (Torner) Savi. Fabaceae.

Cowpea.

No. 8976. *Tatopayaru*.

164338. *Sesamum indicum* L. Pedaliaceae.

Sesame.

No. 8977. *Yellu*.

164339. *Capsicum frutescens* L. Solanaceae.

Redpepper.

No. 8978. *Molagai*. Fruit red, conical, hot.

164340. *Rubus* sp. Rosaceae.

No. 8979. Weeping bush up to 8 feet high, on dry slopes. Fruit of medium size, yellow.

164341. *Dolichos lablab* L. Fabaceae.

Hyacinth-bean.

No. 8980. Eaten as green beans.

164342. *Phaseolus vulgaris* L. Fabaceae.

Common bean.

No. 8981.

164343. *Cucumis melo* L. Cucurbitaceae.

Muskmelon.

No. 8984. *Phut*. Nagpur, Central Provinces. Feb. 21. Fruit elongate, 10 by 5 inches, smooth, green splashed with yellow. Flesh 1½ inches thick, pale-salmon, dry mealy, slightly acid.

164344 to 164352. Ootacamund, Madras. Mar. 2, 3, and 4.

164344. *Daucus carota* L. Apiaceae.

Carrot.

No. 8986. *Carat*. A long, orange variety.

164345. *Avena sativa* L. Poaceae.

Common oats.

No. 8987.

164346. *Pisum sativum* L. Fabaceae.

Pea.

No. 8988. *Patani*.

164347. *Bromus* sp. Poaceae.

No. 8989.

164348. *Triticum aestivum* L. Poaceae.

Common wheat.

No. 8990. *Godumai*.

164265 to 164353.—Continued

164344 to 164352.—Continued

164349. *ALLIUM CEPA* L. Liliaceae. Onion.No. 8991. *Uli*.164350. *SECALE CEREALE* L. Poaceae. Rye.

No. 8994.

164351. *AVENA SATIVA* L. Poaceae. Common oats.

No. 8996.

164352. *SALVIA* sp. Menthaceae.

No. 8998. Plant 2 feet high.

164353. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.No. 8335. *Gawar*. Jubbulpore, Central Provinces. Apr. 16.164354. *HIPPEASTRUM* sp. Amaryllidaceae.

From Argentina. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 3, 1948.

Flowers yellow.

164355 to 164555.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 16, 1948.

Collected in 1948 unless otherwise indicated.

164355. *BETA VULGARIS* L. Chenopodiaceae. Beet.No. 8432. *Palag*. Delhi. Dec. 20, 1947. Long-leaved variety.

164356 to 164361. From Amritsar, western Punjab.

164356. *TRIFOLIUM RESUPINATUM* L. Fabaceae. Persian clover.

No. 8506. Jan. 17.

164357. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.No. 8508. *Kharbuza*. Jan. 18.164358 and 164359. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.164358. No. 8510. *Bengan*. Jan. 18. Round and white.164359. No. 8511. *Bengan*. Jan. 18. Long, black.164360 and 1764361. *ALLIUM CEPA* L. Liliaceae. Onion.164360. No. 8515. *Pujaz*. Jan. 18.164361. No. 8532. *Pujaz*. Jan. 19.

164362 to 164368. From Patiala, Patiala State. Feb. 21 and 22.

164362. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.No. 8543. *Kanak*. Spring type.164363. *BETA VULGARIS* L. Chenopodiaceae. Beet.No. 8554. *Palak*.164364. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.No. 8556. *Kakri*; *Lucknow*.164365. *ERUCA SATIVA* Mill. Brassicaceae. Rocket-salad.

No. 8557.

164366. *HORDEUM VULGARE* L. Poaceae. Barley.No. 8558. *Jau*. Spring type.

164355 to 164555.—Continued

164362 to 164368.—Continued

164367. *HORDEUM VULGARE* L. Barley.

No. 8559. *Jau*. Spring type.

164368. *AVENA SATIVA* L. Poaceae. Common oats.

No. 8661. *Javi*.

164369 to 164378. From Gagga, Patiala. Jan. 22.

164369 to 164371. *SORGHUM VULGARE* Pers. Poaceae.

164369. No. 8662. *Jawar*.

164370. No. 8663. *Jawar*. Sweet cane.

164371. No. 8664. *Jawar*.

164372. *HORDEUM VULGARE* L. Poaceae. Barley.

No. 8665. *Jau*. Spring type.

164373. *MELILOTUS ALBA* Desr. Fabaceae. White sweetclover.

No. 8666. *Kanda*.

164374. *TRIGONELLA* sp. Fabaceae.

No. 8667.

164375. *ZEA MAYS* L. Poaceae. Corn.

No. 8668. *Makkai*.

164376. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.

No. 8669. *Mot*.

164377 and 164378. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

164377. No. 8670. *Gehun*. Spring type.

164378. No. 8671. *Gehun*. Spring type.

164379 to 164382. From Pootna, Patiala. Jan. 23.

164379. *HORDEUM VULGARE* L. Poaceae. Barley.

No. 8672. *Jau*.

164380. *SORGHUM VULGARE* Pers. Poaceae.

No. 8673. *Jawar*.

164381. *ZEA MAYS* L. Poaceae. Corn.

No. 8674. *Makkai*.

164382. *SORGHUM VULGARE* Pers. Poaceae.

No. 3675.

164383 and 164384. From Moonak, Patiala. Jan. 25.

164383. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

No. 8676. *Gehun*. Spring type.

164384. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

No. 8677. *Til*.

164385 to 164408. From Jakhal, eastern Punjab. Jan. 27 to 29.

164385. *HORDEUM VULGARE* L. Poaceae. Barley.

No. 8678. *Jau*. Spring type.

164386. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.

No. 8679. *Gawar*.

164387. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

No. 8680. *Til*.

164355 to 164555.—Continued

164385 to 164408.—Continued

164388. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 8681. *Gajar*. Native type.
164389. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 8682. Green, mild onion.
164390. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.
No. 8683. *Mot*.
164391. *PHASEOLUS MUNGO* L. Urd.
No. 8684. *Mash*.
164392. *PHASEOLUS AUREUS* Roxb. Mung bean.
No. 8685.
- 164393 and 164394. *HORDEUM VULGARE* L. Poaceae. Barley.
164393. No. 8686. *Jau*. Spring type.
164394. No. 8687. *Jau*. Spring type.
164395. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 8688. *Kharbuza*.
164396. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 8689. *Matar*.
164397. *SORGHUM VULGARE* Pers. Poaceae.
No. 8690. *Jawar*.
164398. *BRASSICA RAPA* L. Brassicaceae. Turnip.
No. 8691. *Shelgham*. Globe, white.
164399. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 8692. *Tarbuza*.
164400. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 8693. *Kakin*.
164401. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 8694. *Muli*. Mild-climate type.
164402. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
No. 8695. *Mehti*.
- 164403 to 164408. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
Kanak. A vernacular name for wheat in eastern Punjab.
164403. No. 8696. Spring type. 164406. No. 8699.
164404. No. 8697. 164407. No. 8700.
164405. No. 8698. 164408. No. 8701.
164409. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 8702. *Kharbuza*. Delhi. Jan. 30. Fruit subglobose, orange, heavily netted. Flesh $1\frac{1}{4}$ in. thick, pale-salmon, fragrant, and soft.
- 164410 and 164411. Sadalpur, Bikaner State. Feb. 1.
164410. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. Pearl millet.
No. 8703. *Bajra*.
164411. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 8704. *Kanak*. Spring type.

164355 to 164555.—Continued

164412 to 164417. From Hissar, eastern Punjab. Jan. 31.

164412. *AVENA SATIVA* L. Poaceae.

Common oats.

No. 8705. *Jai*.164413. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae.

Berseem.

No. 8706.

164414. *PENNISETUM CILIARE* (L.) Link. Poaceae.No. 8707. *Anjan Grass*.164415. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

No. 8708.

164416. *SORGHUM VULGARE* Pers. Poaceae.No. 8709. *Juar 20*.164417. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 8710.

164418 to 164421. From Loharu State, eastern Punjab. Feb. 1.

164418. *CUCUMIS* sp. Cucurbitaceae.No. 8711. *Kachhar*.164419. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae.

Moth bean.

No. 8712. *Mot*.164420. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.

Guar.

No. 8713. *Gawar*.164421. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

No. 8714. *Bajra*.

164422 to 164437. From Jaipur, Rajasthan. Feb. 3.

164422. *BENINCASA HISPIDA* (Thunb.) Cogn. Cucurbitaceae.

Waxgourd.

No. 8715. *Petha*.164423. *PHASEOLUS MUNGO* L. Fabaceae.

Urd.

No. 8716. *Mash*.164424 and 164425. *SORGHUM VULGARE* Pers. Poaceae.

164424. No. 8717.

164425. No. 8718.

164426. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 8719. *Matar*.164427. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae.

Moth bean.

No. 8720. *Mot*.164428. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

Catjang.

No. 8721.

164429. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.

Guar.

No. 8722. *Gawar*.164430. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 8723. *Jao*. Spring type.164431. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

No. 8724.

164355 to 164555.—Continued

164422 to 164437.—Continued

164432. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 8725. *Kharbuza*.
164433. *CUCUMIS SATIVUS* L. Cucumber.
No. 8726. *Kakri*.
- 164434 to 164436. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
Kanak. A vernacular name for wheat in eastern Punjab.
164434. No. 8727. Spring type.
164435. No. 8728.
164436. No. 8729.
164437. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. Pearl millet.
No. 8730. *Bajra*.
- 164438 to 164446. From Chatsu, Rajasthan. Feb. 4.
164438. *TRIGONELLA* sp. Fabaceae.
No. 8731. *Mehta*.
164439. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 8732. *Jao*. Spring type.
164440. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 8733. *Gehun*. Spring type.
164441. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
No. 8734. *Mash*.
164442. *PHASEOLUS AUREUS* Roxb. Mung bean.
No. 8735.
164443. *SORGHUM VULGARE* Pers. Poaceae.
No. 8736. *Jawar*.
164444. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.
No. 8737. *Mot*.
164445. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang.
No. 8738.
164446. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.
No. 8739. *Gawar*.
- 164447 to 164453. From the Agriculture Department of Jaipur, Rajasthan.
164447. *SORGHUM VULGARE* Pers. Poaceae.
No. 8740. *Jawar*. Originally from Gothera, Rajasthan.
164448. *SORGHUM VULGARE* Pers.
No. 8741. Originally from Mandawari, Rajasthan.
164449. *SORGHUM VULGARE* Pers.
No. 8742. *Jawar*. Originally from Khandar, Sawai Madhopur, Rajasthan.
- 164450 to 164453. *HORDEUM VULGARE* L. Poaceae. Barley.
164450. No. 8744. *Jao*. (JBS 30).
164451. No. 8743. Spring type.
164452. No. 8745. *Jao*. Selected from local races. Spring type.
164453. No. 8746. *Jao*. (JBS 8). Spring type.

164355 to 164555.—Continued

164454 to 164498. From city of Jaipur, Rajasthan. Feb. 4 to 6.

164454 to 164456. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.164454. No. 8747. *Mirch*. Fruit red, 3½ by 1½ inches, blunt tapered, and sweet.

164455. No. 8748. Bullnosed, red, and sweet.

164456. No. 8749. *Mirch*. Red, 4 inches by 1 inch, blunt tapered, hot.164457. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.No. 8750. *Kadu*.164458. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.No. 8751. *Bengan Baramasi*.164459. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.No. 8752. *Kakri*.164460. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.No. 8753. *Dilpasand*.164461. *DAUCUS CAROTA* L. Apiaceae. Carrot.No. 8754. *Gajar*. Orange.164462. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.No. 8755. *Bengan*. Fruit long and purple.164463. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.No. 8756. *Muli*. Long, red. Spring type.164464. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.No. 8757. *Mirch*. Long, red, sweet to mild.164465 and 164466. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.164465. No. 8758. *Kakri*.164466. No. 8759. *Kakri*. Fruit thick, long.164467. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.No. 8760. *Torai*.164468. *BRASSICA RAPA* L. Brassicaceae. Turnip.No. 8761. *Shelgham*. Red, long-oval.164469. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.No. 8762. *Bandgobi*. Heads oval, 10 inches in diameter.164470 and 164471. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.164470. No. 8763. *Mirch*. Fruit red, blunt, and sweet.164471. No. 8764. *Mirch*.164472. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.No. 8765. *Loki Ghia*. Fruit 3½ feet by 4 inches, subglobose.164473. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.No. 8766. *Torai*.164474 and 164475. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.164474. No. 8767. *Tarbuza*.164475. No. 8768. *Tarbuza*.

164355 to 164555.—Continued

164454 to 164498.—Continued

- 164476 and 164477. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.
164476. No. 8769. *Gawar*. Pods hairy, form in 60 days.
164477. No. 8770. *Gawar*. Pods form in 45 days.
164478. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
- No. 8771. *Tomater*. Large, red.
164479. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
- No. 8772. *Tar*. Fruit long and slender.
164480. *TRICHOSANTHES ANGUINA* L. Cucurbitaceae. Snakegourd.
- No. 8773. *Chachinda*.
164481. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
- No. 8774. *Kharbuza*.
164482. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
- No. 8775. *Tomater*. Fruit small.
164483. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
- No. 8776. *Bengan*. Fruit round and purple.
164484. *DAUCUS CAROTA* L. Apiaceae. Carrot.
- No. 8777. *Gajar*. Native type.
- 164485 and 164486. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.
164485. No. 8778. *Gawar*.
164486. No. 8779. *Gawar*. Hairy pods.
164487. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
- No. 8780. *Kharbuza*.
164488. *ALLIUM CEPA* L. Liliaceae. Onion.
- No. 8781. *Pujaz*. Large flat red bulb.
- 164489 and 164490. *AVENA SATIVA* L. Poaceae. Common oats.
164489. No. 8782.
164490. No. 8783.
164491. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
- No. 8784. *Til*. Oilseed.
164492. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
- No. 8785. *Phut*. A large dessert melon.
164493. *CUCUMIS* sp.
- No. 8786. *Kakru*.
164494. *BRASSICA RAPA* L. Brassicaceae. Turnip.
- No. 8788. *Shelgham*. Fruit white.
164495. *BETA VULGARIS* L. Chenopodiaceae. Beet.
- No. 8789. *Palak*.
164496. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.
- No. 8790. *Phulgobi*. Early type.
164497. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
- No. 8791.

164355 to 164555.—Continued

164454 to 164498.—Continued

164498. *Pennisetum spicatum* (L.) Willd. Poaceae. Pearl millet.
No. 8792. *Bajra*.

164499 to 164508. From Rajasthan.

164499. *Sesamum radiatum* Schum. Pedaliaceae.
No. 8793. *Jangle Til*. Originally from Durgapur, West Bengal. October 1947.

164500. *Saccharum*. Poaceae. Sugarcane.

No. 8794. Jaipur. Feb. 6.

164501 to 164508. From Malpura. Feb. 7.

164501. *Triticum aestivum* L. Poaceae. Common wheat.

No. 8795. *Gahun*. Spring type.

164502. *Capsicum frutescens* L. Solanaceae. Redpepper.

No. 8796. *Mirch*. Fruit $3\frac{1}{2}$ inches by $1\frac{1}{2}$ inches at base, red, mild.

- 164503 and 164504. *Sorghum vulgare* Pers. Poaceae.

164503. No. 8797. *Jawar*. Sweet cane.

164504. No. 8798. *Jawar*. Grows to 8 feet high.

164505. *Triticum aestivum* L. Poaceae. Common wheat.

No. 8799. *Gahun*. Spring type.

164506. *Hordeum vulgare* L. Poaceae. Barley.

No. 8800. *Jao*. Spring type.

164507. *Trigonella* sp. Fabaceae.

No. 8801. *Mehti*.

164508. *Sorghum vulgare* Pers. Poaceae.

No. 8802. *Jawar*.

164509 to 164513. From Toda Rai Singh. Feb. 8.

164509. *Sorghum vulgare* Pers.

No. 8803.

164510. *Triticum aestivum* L. Poaceae. Common wheat.

No. 8804. *Gahun*. Spring type.

164511. *Hordeum vulgare* L. Poaceae. Barley.

No. 8805. *Jao*. Spring type.

- 164512 and 164513. *Triticum aestivum* L. Poaceae. Common wheat.

164512. No. 8806. *Gahun*. Spring type.

164513. No. 8807. *Gahun*. Spring type.

164514 to 164516. From Dhudi, Banas River, Feb. 9.

164514. *Hordeum vulgare* L. Poaceae. Barley.

No. 8810. *Jao*. Spring type.

164515. *Triticum aestivum* L. Poaceae. Common wheat.

No. 8811. *Kanak*. Spring type.

164516. *Sorghum vulgare* Pers. Poaceae.

No. 8812. *Jawar*.

164517 to 164524. From Sawai Madhopur. Feb. 11.

164517. *Hordeum vulgare* L. Poaceae. Barley.

No. 8813. *Jao*. Spring type.

164355 to 164555.—Continued

164517 to 164524.—Continued

164518. TRITICUM AESTIVUM L. Poaceae	Common wheat.
No. 8815. <i>Kanak</i> . Spring type.	
164519. VIGNA CYLINDRICA (L.) Skeels. Fabaceae.	Catjang.
No. 8816. <i>Chanula</i> .	
164520. PHASEOLUS ACONITIFOLIUS Jacq. Fabaceae.	Moth bean.
No. 8817. <i>Mot</i> .	
164521. TAGETES sp. Asteraceae.	Marigold.
No. 8818. Attractive quilled orange flowers.	
164522. PHASEOLUS AUREUS Roxb. Fabaceae.	Mung bean.
No. 8820.	
164523. PISUM SATIVUM L. Fabaceae.	Pea.
No. 8821. <i>Matar</i> .	
164524. BETA VULGARIS L. Chenopodiaceae.	Beet.
No. 8822. <i>Palak</i> .	
164525. HORDEUM VULGARE L. Poaceae.	Barley.
No. 8823. <i>Jao</i> . Khandar. Feb. 12. Spring type.	
164526. SORGHUM VULGARE Pers. Poaceae.	
No. 8824. Sawai Madhopur. Feb. 13. Sweet cane.	
164527. TRITICUM AESTIVUM L. Poaceae.	Common wheat.
No. 8824-A. <i>Kanak</i> . Khandar. Feb. 12.	
164528. CYAMOPSIS TETRAGONOLoba (L.) Taub. Fabaceae.	Guar.
No. 8825. <i>Gawar</i> . Khandar. Feb. 12.	
164529. SOLANUM MELONGENA L. Solanaceae.	Eggplant.
No. 8825-A. <i>Bengan</i> . Sawai Madhopur. Feb. 13.	
164530. PHASEOLUS ACONITIFOLIUS Jacq. Fabaceae.	Moth bean.
No. 8826. <i>Mot</i> . Khandar. Feb. 12.	
164531. CUCUMIS MELO L. Cucurbitaceae.	Muskmelon.
No. 8826-A. <i>Kachhri</i> . Sawai Madhopur. February. Wild type.	
164532. VIGNA CYLINDRICA (L.) Skeels. Fabaceae.	Catjang.
No. 8827. <i>Chanula</i> . Khandar. Feb. 12.	
164533. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae.	Cauliflower.
No. 8827-A. <i>Phulgobi</i> . Sawai Madhopur. Feb. 13.	
164534. BRASSICA OLERACEA var. CAPITATA L.	Cabbage.
No. 8828. <i>Bandgobi</i> . Sawai Madhopur. Feb. 13.	
164535. SORGHUM VULGARE Pers. Poaceae.	
No. 8828-A. <i>Juar</i> . Khandar. Feb. 12. Sweet cane.	
164536. ZIZIPHUS MAURITIANA Lam. Rhamnaceae.	India jujube.
No. 8829. <i>Bher</i> . Khandar. Feb. 12.	
164537 to 164547. From Sawai Madhopur. Feb. 13 and 14.	
164537. LUFFA AEGYPTIACA Mill. Cucurbitaceae.	Suakwa towelgourd.
No. 8829-A. <i>Tori</i> .	
164538. CAPSICUM FRUTESCENS L. Solanaceae.	Redpepper.
No. 8830. <i>Mirch</i> .	

164355 to 164555.—Continued

164537 to 164547.—Continued

164539. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
No. 8830—A. *Tinda*.

164540. LUFFA ACUTANGULA (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.
No. 8831. *Torauja*.

164541. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.
No. 8831—A. *Tomater*.

164542. BRASSICA RAPA L. Brassicaceae. Turnip.
No. 8832. *Shelgham*.

164543. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
No. 8832—A. *Tarbuza*.

164544 to 164546. TRITICUM AESTIVUM L. Poaceae. Common wheat.
Kanak. A vernacular name for wheat in eastern Punjab.

164544. No. 8834. Spring type.

164545. No. 8835.

164546. No. 8836. Spring type.

164547. HORDEUM VULGARE L. Poaceae. Barley.
No. 8837.

164548 to 164555. From Khandwa, Central Provinces. Feb. 17.

164548. PISUM SATIVUM L. Fabaceae. Pea.
No. 8838. *Matar*.

164549. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 8843. *Gehun*. Spring type.

164550. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
No. 8844. *Tarbuza*.

164551. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
No. 8845. *Kharbuza*.

164552. RAPHANUS SATIVUS L. Brassicaceae. Radish.
No. 8846. *Muli*. Long, white.

164553. BETA VULGARIS L. Chenopodiaceae. Beet.
No. 8847. *Palak*.

164554. AVENA SATIVA L. Poaceae. Common oats.
No. 8850.

164555. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 8851. *Gehun*. Spring type.

164556 to 164565. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From Spain. Seeds presented by Miguel de Echegaray, Agricultural Attaché,
Spanish Embassy, Washington, D. C. Received May 19, 1948.

164556. *Pimiento Morron; Bola*.

164557. *Pimiento Largo; Cuerno de Cabra*.

164558. *Pimiento Del Cristal*.

164559. *Pimiento Del Pico Vuelto*.

164560. *Pimiento Morron*.

164556 to 164565.—Continued

164561. *Pimiento Hocico de Buey.*
 164562. *Pimiento Largo Grande de Aranjuez.*
 164563. *Pimiento Morron de Conserva.*
 164564. *Pimiento Enorme de Muel.*
 164565. *Pimiento Morron del Mercado.*

164566. TRIGONELLA BALANSAE Boiss. & Reut. Fabaceae.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 16, 1948.

No. 8833. From Sawai Madhopur, Jaipur. Feb. 13, 1948.

164567. MELOCANNA BACCIFERA (Roxb.) Kurz. Poaceae. Bamboo.

From Jamaica. Plants collected by F. A. McClure, Office of Foreign Agricultural Relations, Washington, D. C. Received May 21, 1948.

164568 to 164857.

From India. Collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 25, 1948.

Collected in 1948.

164568 to 164570. From Coimbatore, Madras. Feb. 27.

164568. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 8960. *Patani.*

164569. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

No. 8969. Fruit elongate, blunt, 10 by 5 inches, smooth, lemon-yellow; flesh $1\frac{1}{2}$ to $1\frac{3}{4}$ inches thick, white, mealy, insipid.

164570. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 8970. *Pushani.*

164571 to 164580. From Ootacamund, Madras. Mar. 2 to 4.

164571. *RUBUS* sp. Rosaceae.

No. 8982. Plant weak, semiscandent. Fruit rose-purple, pleasantly acid.

164572. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 8983. *Godumai.*

164573. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 8984-A. *Ganji.* Said to be planted twice a year here.

164574. *SOLANUM* sp. Solanaceae.

No. 8992. Small tree; fruit greenish-yellow, edible.

164575. *SOLANUM* sp.

No. 8993. Thorny, loose shrub 8 feet high. Fruit orange-red.

164576. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.

No. 8995.

164577. *RHODOMYRTUS TOMENTOSA* (Ait.) Hassk. Myrtaceae.

No. 8997. Fruit globose, yellow-green, edible.

164578. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9000. *Godumai.*

164579. *SOLANUM* sp. Solanaceae.

No. 9003. Small shrub.

164568 to 164857.—Continued

164571 to 164580.—Continued

164580. *SOLANUM* sp.

No. 9004. Shrub 8 feet high.

164581. *SOLANUM MELONGENA* L.

Eggplant.

No. 9005. *Katari Kai*. Tudailiyur, near Coimbatore, Madras. Mar. 5.
Fruit small, wild types.

164582 to 164609. From Coimbatore, Madras.

164582. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9006. *Godumai*. Mar. 5.164583 to 164586. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

Mar. 15.

164583. No. 9007. Fruit globose, nearly smooth, pale-salmon; flesh 2 inches thick.

164584. No. 9008. Fruit flattened, 6 by 5 inches, faintly netted, ribbed, lemon; flesh $1\frac{1}{2}$ inches thick, salmon, insipid.

164585. No. 9009. Fruit subglobose, netted, ribbed, clouded orange and green; flesh pale-salmon, insipid.

164586. No. 9010. Fruit subglobose, pale-lemon, ribbed, nearly smooth; flesh $1\frac{3}{4}$ inches thick, pale-lemon.

164587 to 164609. Mar. 6.

164587. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

No. 9011. *Burma*.164588 to 164590. *PHASEOLUS AUREUS* Roxb.

Mung bean.

Pachapayaru. A local vernacular name.

164588. No. 9012.

164589. No. 9013.

164590. No. 9014.

164591. *PHASEOLUS ACONITIFOLIUS* Jacq.

Moth bean.

No. 9015. *Nairipayaru*.164592 and 164593. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.

Guar.

164592. No. 9016. *Kotaveri*.164593. No. 9017. *Kotaveri*.164594 and 164595. *PHASEOLUS MUNGO* L. Fabaceae.

Urd.

164594. No. 9018. *Pachapayaru*.164595. No. 9019. *Olandu*.164596. *PHASEOLUS LUNATUS* L.

Lima bean.

No. 9020. *Burma*.164597. *CAJANUS CAJAN* (L.) Druce. Fabaceae.

Pigeon pea.

No. 9021. *Olandu*. High oil content.164598. *PHASEOLUS MUNGO* L. Fabaceae.

Urd.

No. 9022.

164599. *PHASEOLUS LUNATUS* L.

Lima bean.

No. 9023. *Burma*.164600. *CANAVALIA GLADIATA* (Jacq.) DC. Fabaceae.

Swordbean.

No. 9024. *Patali*.

164568 to 164857.—Continued

164582 to 164609.—Continued

164587 to 164609.—Continued

164601. *PENNISETUM CILIARE* (L.) Link. Poaceae.

No. 9025.

164602. *ANDROPOGON PUMILUS* Roxb. Poaceae.

No. 9026.

164603. *CYMBOPOGON CONFERTIFLORUS* (Steud.) Stapf. Poaceae.

No. 9027.

164604. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

No. 9028.

164605. *SEHIMA NERVOSA* (Roem. & Schult.) Stapf. Poaceae.

No. 9029.

164606. *MELINIS MINUTIFLORA* Beauv. Poaceae.

Molasses grass.

No. 9030.

164607. *PENNISETUM CILIARE* (L.) Link. Poaceae.

No. 9031.

164608. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

No. 9032.

164609. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

No. 9033. Fruit elongate, 8 by 6 inches, pale-lemon; flesh 1½ inches thick, white, insipid.

164610 to 164632. From Salem, Madras. Mar. 8 and 9.

164610 and 164611. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

164610. No. 9034. Fruit subglobose, nearly smooth, lemon; flesh white, 1½ inches thick, fragrant, sweet.

164611. No. 9035. Fruit subglobose, netted, blotched green and orange; flesh white, insipid.

164612. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 9036. *Patani*.164613. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 9037. *Averi*.164614. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 9038. *Patani*.164615. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9039. *Ganji*. Spring type.164616. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 9040. *Averi*.164617. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 9041. *Velleri*.164618. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

No. 9042. *Karamani*.164619. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

No. 9043.

164620. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 9044. *Averi*.

164568 to 164857.—Continued

164610 to 164632.—Continued

164621. *PHASEOLUS MUNGO* L. Urd.
No. 9045. *Olandu*.
164622. *PHASEOLUS AUREUS* Roxb. Mung bean.
No. 9046. *Pachapayaru*.
164623. *PHASEOLUS ACONITIFOLIUS* Jacq. Moth bean.
No. 9047. *Nairipayaru*.
164624. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.
No. 9048. *Machakotai*.
164625. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
No. 9049.
164626. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9050. *Godumai*. Spring type.
164627. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.
No. 9051. *Machakotai*.
164628. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 9052. *Takali*. Fruits red, elongate, flattened.
164629. *SORGHUM VULGARE* Pers. Poaceae.
No. 9053. Small-headed, low type 5 to 6 feet tall.
164630. *SOLANUM* sp. Solanaceae.
No. 9054. *Sunda Katari*.
164631. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9055. Fruit globose, 2½ inches, pale-lemon, lined and fretted green.
164632. *AVENA SATIVA* L. Poaceae. Common oats.
No. 9056.
- 164633 to 164661. From Bangalore, Mysore. Mar. 11 and 12.
- 164633 and 164634. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
164633. No. 9057. *Pushani*. Fruit subglobose, grass-green marked with darker green; rind ¾ inches thick; flesh handsome pink, of good texture but low in sugar.
164634. No. 9058. *Pushani*. Fruit globose, sea-green rib-lined with darker green; rind ½ to ¾ inch thick; flesh pink, good texture but low in sugar.
164635. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9059. Fruit flattened, 10 by 6 inches, deep-ribbed, traces of net, orange; flesh 1½ inches thick, salmon, insipid.
164636. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9060. *Pushani*. Fruit globose, sea-green faintly marked with darker green; rind exceptionally firm.
164637. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9061. Fruit top-shaped, lemon, heavily netted; flesh 2 inches thick, pale-lemon.
164638. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 9062. Fruit red, tapered, 3 inches long, hot.

164568 to 164857.—Continued

164633 to 164661.—Continued

164639. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
 No. 9063. Fruit elongate, 18 by 10 inches, pea-green with broad broken darker stripes; rind $\frac{1}{2}$ to $\frac{3}{4}$ inch thick; flesh pink, coarse, of fair flavor.
164640. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 No. 9064. Tapered red pods, 2 inches long, hot.
164641. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
 No. 9066.
164642. *DOLICHOS BIFLORUS* L. Fabaceae.
 No. 9067.
164643. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
 No. 9068.
164644. *PHASEOLUS AUREUS* Roxb. Mung bean.
 No. 9069.
164645. *PHASEOLUS MUNGO* L. Urd.
 No. 9070.
164646. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
 No. 9071.
164647. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.
 No. 9072.
164648. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
 No. 9073.
164649. *DAUCUS CAROTA* L. Apiaceae. Carrot.
 No. 9074. Root orange and about 8 inches long.
164650. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.
 No. 9075.
164651. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
 No. 9076.
164652. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
 No. 9077.
- 164653 and 164654. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 164653. No. 9078. Fruit subglobose, pale-lemon, traces of net; flesh white, $1\frac{1}{2}$ inches thick, good-quality.
 164654. No. 9079. Fruit subglobose, smooth, lemon with large navel; flesh $1\frac{1}{2}$ inches thick, fragrant, sweet.
164655. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
 No. 9080. Fruit globose, dark-green; rind $\frac{1}{2}$ inch thick; flesh bright-pink.
164656. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.
 No. 9081. Heads globose, 6 inches across.
164657. *PASTINACA SATIVA* L. Apiaceae. Parsnip.
 No. 9082.
164658. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
 No. 9083.
164659. *BETA VULGARIS* L. Chenopodiaceae. Beet.
 No. 9084. Globose roots of good size.

164568 to 164857.—Continued

164633 to 164661.—Continued

164660. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9085.

164661. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
No. 9086. Said to be globose, purple.

164662. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9087. Salem, Madras. March 10. Fruit globose, netted, orange; flesh $1\frac{1}{2}$ inches thick, white, insipid.

164663 to 164684. From Bangalore, Mysore. Mar. 12 and 13.

164663. *AVENA SATIVA* L. Poaceae. Common oats.
No. 9088.

164664. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9090.

164665. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9091. Mixture.

164666. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9092. Fruit flattened, 6 by 4 inches, smooth, pale-lemon, sunken ribs; flesh white, $1\frac{1}{4}$ inches thick, sweet.

164667 and 164668. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.
164667. No. 9093.
164668. No. 9094.

164669. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9089.

164670. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 9095.

164671. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 9096.

164672. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
No. 9097. Long purple.

164673. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 9098. Fruit red, globose.

164674. *BRASSICA RAPA* L. Brassicaceae. Turnip.
No. 9099. White, purple-top.

164675. *BRASSICA OLERACEA* var. *GONGLYODES* L. Kohlrabi.
No. 9100.

164676. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 9101.

164677 and 164678. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
164677. No. 9102. Mild.

164678. No. 9103. Sweet.

164679. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 9104.

164680. *CUCUMIS MELO* L. Muskmelon.
No. 9105.

164568 to 164857.—Continued**164663 to 164684.—Continued**

164681. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 9106.
164682. *CAPSIUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 9107. Fruits red, tapered, 3 inches long, hot.
164683. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9108.
164684. *CARICA PAPAYA* L. Papayaceae. Papaya.
No. 9109. Fruit 14 inches long; weight about 6 pounds.
- 164685 and 164686. From Salem, Madras. Mar. 9.
164685. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9110.
164686. *PHOENIX* sp. Phoenicaceae. Palm.
No. 9111. Small tree with red fruits.
- 164687 to 164711. From Hubli, Bombay. Mar. 15 to 17.
164687. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9112. Fruit globose, pea-green vermiculated with darker green; rind 1 inch thick; flesh pink; heart hollow.
164688. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.
No. 9113.
164689. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 9114. Root black.
164690. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9116.
164691. *SORGHUM VULGARE* Pers. Poaceae.
No. 9117.
164692. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.
No. 9118.
164693. *STIZOLOBIUM* sp. Fabaceae.
No. 9119.
164694. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 9120.
164695. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae. Jackbean.
No. 9121.
164696. *CANAVALIA GLADIATA* (Jacq.) DC. Swordbean.
No. 9122.
164697. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 9123. Long, white.
164698. *SORGHUM VULGARE* Pers. Poaceae.
No. 9125.
- 164699 to 164701. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
Spring type.
164699. No. 9126.
164700. No. 9127.
164701. No. 9128.

164568 to 164857.—Continued

164687 to 164711.—Continued

164702 to 164707. *SORGHUM VULGARE* Pers. Poaceae.164702. No. 9129. *Juar*. Sweet-caned. 164705. No. 9132.

164703. No. 9130. Popping type. 164706. No. 9133.

164704. No. 9131. 164707. No. 9134.

164708 and 164709. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

164708. No. 9135. Fruit globose, pea-green with broad dark stripe; rind 1 inch thick; flesh bright-pink.

164709. No. 9136. Fruit globose, pea-green vermiculated with deeper green; rind $\frac{1}{2}$ to $\frac{3}{4}$ inch thick; flesh bright-pink.164710. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 9137. Fruit very large, golden-yellow.

164711. *CHLORIS BARBATA* (L.) Sw. Poaceae.

No. 9138.

164712. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9139. *Ganji*. Bangalore, Mysore, Mar. 13.

164713 to 164744. From Hubli, Bombay. Mar. 17 to 19.

164713. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9140. *Godumai*.164714. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

No. 9142. Plant semibushy, $3\frac{1}{2}$ feet high.164715. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9143. Spring type.

164716. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

No. 9144.

164717 and 164718. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

164717. No. 9145. Spring type.

164718. No. 9146. Spring type.

164719. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 9147. Plant bushy, 3 feet high.

164720. *CUCUMIS* sp. Cucurbitaceae.No. 9148. *Gurgai*.164721. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 9149. *Katerika*.164722. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 9150.

164723. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 9151. *Velleri*. Long type.164724. *DOLICHOS BIFLORUS* L. Fabaceae.No. 9152. *Kueti*.164725 and 164726. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

164725. No. 9153.

164726. No. 9154.

164568 to 164857.—Continued

164713 to 164744.—Continued

164727. PHASEOLUS MUNGO L. Urd.
No. 9155.
164728. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.
No. 9156. *Balor*.
164729. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.
No. 9157. *Chauli*.
- 164730 and 164731. ARACHIS HYPOGAEA L. Fabaceae. Common peanut.
164730. No. 9158. *Singh Dana*.
164731. No. 9159. *Singh Dana*.
164732. SESAMUM INDICUM L. Pedaliaceae. Sesame.
No. 9160. *Til*.
164733. PHASEOLUS AUREUS Roxb. Fabaceae. Mung bean.
No. 9161.
164734. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.
No. 9162.
164735. LINUM USITATISSIMUM L. Linaceae. Flax.
No. 9163.
164736. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.
No. 9164. *Chauli*.
164737. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
No. 9165. *Andrawan Kapshal*. Fruit globose, handsomely striped green and yellow, with green stripes broader, irregular, and mottled.
164738. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.
No. 9166. Fruit 4 inches long, thin, red, and hot.
164739. PHASEOLUS VULGARIS L. Common bean.
No. 9167. *Avereh*.
- 164740 and 164741. LUFFA ACUTANGULA (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.
164740. No. 9168. *Toraiye*. Fruit ovoid with faint raised ridges.
164741. No. 9169. *Toraiye*. Fruit elongate-ovoid, sharp raised ridges.
164742. LUFFA AEGYPTIACA Mill. Suakwa towelgourd.
No. 9170. *Ghiya-Toraiye*. Fruit elongate, 6 by 3 inches, tapered to stem, smooth with sunken ribs.
164743. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.
No. 9171. *Velleri*.
164744. HORDEUM VULGARE L. Poaceae. Barley.
No. 9172.
- 164745 to 164770. From Belgaum, Bombay. Mar. 20.
164745. PHASEOLUS AUREUS Roxb. Fabaceae. Mung bean.
No. 9173.
164746. PHASEOLUS VULGARIS L. Common bean.
No. 9174. *Sem*.
164747. BETA VULGARIS L. Chenopodiaceae. Beet.
No. 9175. *Sag*. For greens.

164568 to 164857.—Continued

164745 to 164770.—Continued

164748. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 9176. *Tarbuza*. Fruit globose, grass-green; rind $\frac{1}{2}$ inch thick; flesh pink, of fair quality.
- 164749 and 164750. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
164749. No. 9177. *Kharbuza*. Fruit subglobose; flesh salmon, mealy.
164750. No. 9178. *Kharbuza*. Fruit subglobose, nearly smooth; flesh salmon, mealy.
164751. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 9179. *Jao*. Spring type.
164752. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9180. *Sem*.
164753. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 9181. *Gajar*.
164754. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9182. *Gehun*. Spring type.
164755. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.
No. 9183.
164756. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 9184. *Kakri*.
164757. *SOLANUM MELONGENA*. Solanaceae. Eggplant.
No. 9185. *Bengan*.
164758. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9186. *Matar*.
164759. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9187. *Gehun*. Spring type.
164760. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9188. *Sem*.
164761. *PHASEOLUS ACONITIFOLIUS* Jacq. Moth bean.
No. 9189. *Mot*.
164762. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
No. 9190. *Mehiti*.
164763. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
No. 9191. *Til*.
164764. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 9192.
164765. *CYAMOPSIS TETRAGONOLoba* (L.) Taub. Fabaceae. Guar.
No. 9193. *Guar*.
164766. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9194. *Matar*.
164767. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 9195. *Muli*.
164768. *SORGHUM VULGARE* Pers. Poaceae.
No. 9196. *Juar*.

164568 to 164857.—Continued

164745 to 164770.—Continued

164769. PHASEOLUS MUNGO L. Fabaceae. Urd.

No. 9197. *Mash*.

164770. PHASEOLUS AUREUS Roxb. Mung bean.

No. 9198.

164771 to 164791. From Poona, Bombay. Mar. 22.

164771. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

No. 9201. *Mirch*. Fruit 3 inches long, red, tapered, mild.

164772. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.

No. 9202.

164773. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

No. 9203. *Mirch*. Fruit 3 inches long, thin, red, hot.

164774. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

No. 9204. *Pauta*.

164775. PHASEOLUS AUREUS Roxb. Mung bean.

No. 9205.

164776. PHASEOLUS MUNGO L. Urd.

No. 9206.

164777 and 164778. PHASEOLUS VULGARIS L. Common bean.

164777. No. 9207.

164778. No. 9208.

164779. PISUM SATIVUM L. Fabaceae. Pea.

No. 9209. *Matar*.

164780. LINUM USITATISSIMUM L. Linaceae. Flax.

No. 9210.

164781. SESAMUM INDICUM L. Pedaliaceae. Sesame.

No. 9211. *Til*.

164782. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

No. 9212.

164783. SORGHUM VULGARE Pers. Poaceae.

No. 9213. *Juar*.

164784. TRITICUM AESTIVUM L. Poaceae. Common wheat.

No. 9214. *Gahun*. Spring type.

164785. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

No. 9215.

164786. PHASEOLUS ACONITIFOLIUS Jacq. Fabaceae. Moth bean.

No. 9216. *Mot*.

164787. PISUM SATIVUM L. Fabaceae. Pea.

No. 9217. *Matar*.

164788. PHASEOLUS AUREUS Roxb. Fabaceae. Mung bean.

No. 9218.

164789. DOLICHOS BIFLORUS L. Fabaceae.

No. 9219.

No. 9220.

164790. AVENA SATIVA L. Poaceae. Common oats.

164568 to 164857.—Continued

164771 to 164791.—Continued

164791. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9221.

164792 to 164797. Market, Bombay. Mar. 23.

- 164792 and 164793. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

164792. No. 9222. *Mirch*. Fruit 5 by 2 inches, slightly tapering, blunt, mild.

164793. No. 9223. *Mirch*. Fruit 6 by 2 inches, tapered, red, mild to hot.

164794 to 164797. *CUCUMIS* spp. Cucurbitaceae.

164794. *CUCUMIS* sp. 164796. *CUCUMIS* sp.

No. 9224. No. 9226.

164795. *CUCUMIS* sp. 164797. *CUCUMIS* sp.

No. 9225. *Phut*. No. 9227.

164798 to 164806. From Poona, Bombay. Mar. 24 and 25.

164798. *DAUCUS CAROTA* L. Apiaceae. Carrot.

No. 9228. *Gajar*. Root long, orange-red, dark-topped.

164799. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.

No. 9229. *Guar*. Green pods eaten.

164800. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.

No. 9230. *Bhindi*.

164801. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.

No. 9231. *Guar*.

164802. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

No. 9232. *Muli*. Probably long white type.

164803. *BASSICA RAPA* L. Brassicaceae. Turnip.

No. 9233. *Shelgham*.

164804. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

No. 9234. *Tarbuza*.

- 164805 and 164806. *BETA VULGARIS* L. Chenopodiaceae. Beet.

164805. No. 9235. *Choghundar*.

164806. No. 9236. *Palak*.

164807. *ALLIUM CEPA* L. Liliaceae. Onion.

No. 9237. *Pujaz*. Belgaum, Bombay. Mar. 20.

164808 to 164819. From Poona, Bombay. Mar. 25.

164808. *HORDEUM VULGARE* L. Poaceae. Barley.

No. 9238. *Jau*.

164809. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.

No. 9239. *Karri*.

164810. *BETA VULGARIS* L. Chenopodiaceae. Beet.

No. 9240.

- 164811 to 164813. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.

Bengan. A local name for eggplant.

164811. No. 9241. Round, black.

164812. No. 9242. Long, black.

164813. No. 9243. Round.

164568 to 164857.—Continued

164808 to 164819.—Continued

164814. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae. Cabbage.

No. 9244. *Bandgobi*. Heads medium-sized, round, and firm.

164815. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

No. 9245. *Kharbuza*.

164816. *CUCUMIS SATIVUS* L. Cucumber.

No. 9246. *Kakri*. Fruit small, whitish, very tender, and fine flavored.

164817. *BRASSICA OLERACEA* VAR. *BOTRYTIS* L. Brassicaceae. Cauliflower.

No. 9247. *Phulgobi*. Medium-sized heads of good quality.

164818. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

No. 9248. *Kharbuza*.

164819. *CUCUMIS SATIVUS* L. Cucumber.

No. 9249. *Kakri*.

164820 to 164826. *CUCUMIS MELO* L. Muskmelon.

From Itarsi, Central Provinces. Mar. 26.

Kharbuza. A local name for muskmelon.

164820. No. 9250. Fruit swollen pyriform, golden, netted; flesh salmon, insipid.

164821. No. 9251. Fruit subglobose, pale-lemon, netted, sunken green ribs; flesh very pale green, insipid.

164822. No. 9253. Fruit subglobose, 6 inches, pale-lemon, netted, sunken green ribs; flesh pale-green, insipid.

164823. No. 9253. Fruit pyriform, netted, yellow, naveled; flesh salmon, insipid.

164824. No. 9254. Fruit flattened, mottled orange and green, naveled, weakly netted; flesh pale-salmon, insipid.

164825. No. 9255. Fruit elongate pyriform, yellow, weakly netted; flesh salmon, insipid.

164826. No. 9256. Fruit subglobose, lemon, smooth with sunken ribs; flesh very pale green, insipid.

164827 to 164834. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

164827 to 164829. From Sukhisiwania, Bhopal. Mar. 26.

164827. No. 9257. *Gehun*.

164828. No. 9258. *Gehun*.

164829. No. 9259. *Gehun*.

164830 to 164833. From Bhopal City, Bhopal. Mar. 26.

164830. No. 9260. *Gehun*. Spring type.

164831. No. 9261. *Gehun*.

164832. No. 9262. *Gehun*.

164833. No. 9263. *Gehun*.

164834. No. 9281. Bhilsa, United Provinces. Mar. 27. Spring type.

164835 to 164849. From Lucknow, United Provinces. Mar. 28.

164835. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

No. 9265. *Mirch*. Fruits 2½ inches long, thin, yellow, and hot.

164568 to 164857.—Continued

164835 to 164849.—Continued

- 164836 to 164838. *PISUM SATIVUM* L. Fabaceae. Pea.
 164836. No. 9266.
 164837. No. 9267. *Matar*.
 164838. No. 9268. *Matar*.
 164839. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9269. *Jao*. Spring type.
 164840. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9270. *Gehun*. Spring type.
 164841. *BRASSICA CAMPESTRIS* L. Brassicaceae. Rutabaga.
 No. 9271. *Rai*. Oilseed.
 164842. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9272. *Gehun*. Spring type.
 164843. *SORGHUM VULGARE* Pers. Poaceae.
 No. 9273. *Juar*.
 164844. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
 No. 9274.
 164845. *PHASEOLUS AUREUS* Roxb. Mung bean.
 No. 9275.
 164846. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9276. *Gehun*. Spring type.
 164847 and 164848. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 164847. No. 9278. *Mirch*. Fruit $1\frac{1}{2}$ inches long, red, blunt conical, mild to hot.
 164848. No. 9279. *Mirch*. Fruit thin, red, and hot.
 164849. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
 No. 9280.
 164850. *ALLIUM CEPA* L. Liliaceae. Onion.
 No. 9281. *Pujaz*. Poona, Bombay. Mar. 25.
 164851 to 164855. From Lucknow, United Provinces. Mar. 28.
 164851. *AVENA SATIVA* L. Poaceae. Common oats.
 No. 9283. *Jai*.
 164852. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 No. 9285. *Kharbuza*.
 164853. *PISUM SATIVUM* L. Fabaceae. Pea.
 No. 9289. *Matar*.
 164854. *CANAVALIA GLADIATA* (Jacq.) DC. Fabaceae. Swordbean.
 No. 9290.
 164855. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
 No. 9292. *Kharbuza*.
 164856. *CUCUMIS MELO* L. Muskmelon.
 No. 9199. *Kharbuza*. Belgaum, Bombay. Mar. 20. Fruit 12 by $4\frac{1}{2}$ inches, smooth, gold-brown; flesh pale-salmon, mealy.
 164857. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 No. 9124. Hubli, Bombay. Mar. 16.

164858 and 164859.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received May 26, 1948.

164858. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae. **Natal grass.**

164859. *ERAGROSTIS OBTUSA* Munro. Poaceae.

164860 to 164876. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Norway. Tubers presented by Aksel Lunden, Vallebekk. Received May 28, 1948.

164860. *Aspolet.*

164869. *Pontiac.*

164861. *Burbank.*

164870. *Prestkvern.*

164862. (*D. S. × A. S.*). Plant 737.

164871. *Red Warba.*

164863. (*D. S. × A. S.*). Plant 1006.

164872. *Saga.*

164864. *Fossing.*

164873. *Sebago.*

164865. *Forsbadpolef.*

164874. *Tebon.*

164866. *Houma.*

164875. *Trumume Keiserkrone.*

164867. *Mohauk.*

164876. *Warba.*

164868. *Pawnee.*

164877 to 164907.

From Guatemala. Seeds presented by Dr. I. E. Melhus, Iowa State College—Guatemala, Tropical Research Center, Tiquisate. Received June 1, 1948.

164877. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**
No. 30.

164878. *CAJANUS CAJAN* (L.) Druce. Fabaceae. **Pigeonpea.**
No. 18.

164879. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae. **Jackbean.**
No. 12.

164880 and 164881. *CROTALARIA* spp. Fabaceae.

164880. *CROTALARIA ANAGYROIDES* H. B. K.

No. 23.

164881. *CROTALARIA INCANA* L.

No. 22.

164882. *CYCLANTHERA PEDATA* (L.) Schrad. Cucurbitaceae.

No. 31. *Caiba*. Originally from Antigua.

164883. *DESMODIUM NICARAGUENSE* Oerst. Fabaceae.

No. 20.

164884. *DOLICHOS LABLAB* L. Fabaceae. **Hyacinth-bean.**
No. 21.

164885. *GLYCINE MAX* (L.) Merrill. Fabaceae. **Soybean.**
No. 15. Seed black.

164886. *INDIGOFEA MUCRONATA* DC. Fabaceae.

164887. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**

No. 19. *Lino-Royal.*

164888. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae. **Yam-bean.**

No. 1. *Jicama.*

164889. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**

No. 13. *Mon.*

164877 to 164907.—Continued

- 164890 to 164893. *PHASEOLUS LUNATUS* L. Lima bean.
 164890. No. 11. Antigua, Sacatepéquez. Pole type.
 164891. No. 14.
 164892. No. 16.
 164893. No. 17. Originally from Palmaras, Tiquisate. 1947.
- 164894 to 164899. *PHASEOLUS VULGARIS* L. Common bean.
 164894. *Peloy*. Finca Retana.
 164895. No. (6-48). Red seed.
 164896. *Peloy bean*. No. (7-48). Seeds brownish.
 164897. *Peloy bean*. No. (8-48). Seeds dark-red.
 164898. *Peloy bean*. No. (9-48). Seeds light-red.
 164899. *Kentucky Wonder*. Pole type.
164900. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae. Tropical kudzu.
Nom.
- 164901 and 164902. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
 164901. No. 26. Originally from Palmaras, Tiquisate.
 164902. No. 27.
164903. *SORGHUM VULGARE* Pers. Poaceae.
Manicillo.
- 164904 to 164906. *STIZOLOBIUM* spp. Fabaceae.
 164904. *STIZOLOBIUM DEERINGIANUM* Bort. Deering velvetbean.
 Originally from Palmaras, Tiquisate.
 164905. *STIZOLOBIUM ATERRIMUM* Piper & Tracy. Velvetbean.
 164906. *STIZOLOBIUM DEERINGIANUM* Bort. Deering velvetbean.
164907. *TEPHROSIA* sp. Fabaceae.
164908. *CHAENOMELES*. Rosaceae. Flowering quince.
 From Maryland. Plant growing at the United States Plant Introduction Garden,
 Glenn Dale. Numbered June 8, 1948.
 (B-40263.) Flowers double.
- 164909 to 164912. *ORYZA SATIVA* L. Poaceae. Rice.
 From Argentina. Seeds presented by the Universidad Nacional, La Plata, Buenos
 Aires. Received June 6, 1948.
164909. *Chacarero* F. A. 164911. *Precosur 1* F. A.
 164910. *Cume Man* F. A. 164912. *Victoria* F. A.
- 164913 to 164924.
- From the Union of South Africa. Seeds presented by the Division of Agricultural
 Education and Research, Pretoria, Transvaal. Received June 4, 1948.
164913. *ARISTIDA UNIPLUMIS* Roem. & Schult. Poaceae.
 164914 to 164920. *ERAGROSTIS* spp. Poaceae.
 164914. *ERAGROSTIS ATHERSTONEI* Stapf.
 164915. *ERAGROSTIS CHLOROMELAS* Steud.
 Pretorian ecotype.
 164916 to 164918. *ERAGROSTIS CURVULA* (Schrud.) Nees.
 164916. Schagen ecotype.
 164917. Ermelo ecotype.
 164918. Cullinan ecotype.

164913 to 164924.—Continued

164914 to 164920.—Continued

164919. *ERAGROSTIS PLANA* Nees.

Devon, Transvaal.

164920. *ERAGROSTIS SUPERBA* Peyr.

Maquassi ecotype.

164921. *RHIGOZUM BREVISPINOSUM* Kuntze. Bignoniaceae.*Remenham*. Vayburg.164922. *SALSOLA GLABRESCENS* Burt-Davy. Chenopodiaceae.

Prieska.

164923. *TERMINALIA SERICEA* Burchell. Combretaceae.164924. *TETRAGONIA* sp. Aizoaceae.

164925 to 165088.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 11, 1948.

164925 to 164980. From seed stores, Istanbul, Istanbul Province. Mar. 15, 1948.

164925. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**

No. 1. Long-fruited type.

164926 to 164931. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**164926. No. 2. *Chali*. Bush type.164927. No. 3. *Aysekadın*. Pole type.

164928. No. 4. Pole type with long wide pods.

164929. No. 5. *Barbunja*. Red, pole type.164930. No. 6. *Aysekadın*. Bush type.164931. No. 7. *Aysekadın*. Bosphorus. Late-maturing type.164932. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**

No. 8. Small and red.

164933. *BRASSICA RAPA* L. Brassicaceae. **Turnip.**

No. 9. Flat, early type.

164934. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**

No. 10.

164935. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**No. 11. *Dere Otu*.164936. *ERUCA SATIVA* Mill. Brassicaceae. **Rocket-salad.**

No. 12.

164937 to 164940. *LACTUCA SATIVA* L. Asteraceae. **Lettuce.**

164937. No. 13. Head type.

164938. No. 14. Loose head.

164939. No. 15. Red leaves, loose head.

164940. No. 16. *Murul Yedikule*. Leaf type.164941. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**

No. 17. Fruit long.

164942 and 164943. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**164942. No. 18. *Kartal*. Root long, yellow.

164943. No. 19. French type.

164925 to 165088.—Continued

164925 to 164980.—Continued

164944. *APIUM GRAVEOLENS* L. Apiaceae. Celery.
 No. 20. *Odessa Kereviz*. Russian type.
- 164945 to 164947. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
 164945. No. 21. *Yer Domatiz*.
 164946. No. 22. *Sirik Domatiz*. Tall-growing type.
 164947. No. 23. *Malta Domatiz*. Introduced from Malta.
- 164948 and 164949. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
 164948. No. 24. Root black, large.
 164949. No. 25. Root white, large.
- 164950 to 164952. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
 164950. No. 26. *Russian*. Small and smooth.
 164951. No. 27. Medium size.
 164952. No. 28. Long type.
- 164953 and 164954. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.
 164953. No. 29. Small size.
 164954. No. 30. Giant size.
- 164955 and 164956. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Cauliflower.
 164955. No. 31. Early type.
 164956. No. 32. Late giant type.
164957. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
 No. 33. *Sakiz Kabak*. White, narrow type.
164958. *CUCURBITA MOSCHATA* Duchesne. Cushaw.
 No. 34. Fruit red.
164959. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.
 No. 35. Bell shaped.
164960. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. Suakwa towelgourd.
 No. 36.
- 164961 to 164964. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 164961. No. 37. Green, bell type.
 164962. No. 38. Red, hot type.
 164963. No. 39. Fruit small.
 164964. No. 40. Red, round.
- 164965 and 164966. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
 164965. No. 41. Short leaved.
 164966. No. 42. Long leaved.
164967. *PORTULACA OLERACEA* L. Portulacaceae. Common purslane.
 No. 43. *Semizotu*.
164968. *BETA VULGARIS* L. Chenopodiaceae. Beet.
 No. 44.
164969. *ALLIUM PORRUM* L. Liliaceae. Leek.
 No. 45.

164925 to 165088.—Continued

164925 to 164980.—Continued

164970. *ALLIUM CEPA* L. Onion.
No. 46.
- 164971 and 164972. *PISUM SATIVUM* L. Fabaceae. Pea.
164971. No. 17. Turkish type.
164972. No. 48. French type.
164973. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
No. 49.
- 164974 to 164976. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
164974. No. 50. *Topatan*. Fruit long, yellow.
164975. No. 51. *Kirkagh*. Fruit round. Winter type.
164976. No. 52. *Hasanbey*. Fruit round.
164977. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 53. *Bursa*. Flesh red, sweet; rind thin.
164978. *BETA VULGARIS* var. *CICLA* L. Chenopodiaceae. Chard.
No. 54. *Pazi*.
164979. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 55.
164980. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 56.
- 164981 to 165005. From Cayirhan, Ankara. Mar. 27, 1948.
- 164981 and 164982. *ORYZA SATIVA* L. Poaceae. Rice.
164981. No. 57. *Kaliak*.
164982. No. 58. *Javanese*.
164983. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 59. *Topuz Arpa*.
164984. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 60. *Sarikilcik*.
- 164985 and 164986. *ORYZA SATIVA* L. Poaceae. Rice.
164985. No. 61. *Javanese*.
164986. No. 62. *Penbegobek*.
164987. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
No. 63. *Susam*.
164988. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
No. 64. *Balkabagi*.
164989. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 65. *Nohut*.
164990. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 66. *Kiz Kavunu*.
164991. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.
No. 67. *Asma Kabagi*. Long-fruited type.
164992. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 68. *Karpuz*.

164925 to 165088.—Continued

164981 to 165005.—Continued

164993. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 69.
164994. *ZEА MAYS* L. Poaceae.
No. 70. *Muhacir Misiri*
164995. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
No. 71. *Citili Kabak*.
164996. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 72. *Kuscular Kavunu*.
164997. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 73. *Tergomlek*. Grown for its edible seeds which are oily and nearly shell-less.
164998. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 74. *Karpuz*.
164999. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
No. 75. *Balkabagi*.
165000. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 76. *Beyaz Fasulye*.
165001. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
No. 77. *Balkabagi*.
165002. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 78. *Karpuz*.
165003. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 79. *Yagkavunu*.
165004. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 80. *Karakabak*. Black
165005. *CUCURBITA MAXIMA* Duchesne. Squash.
No. 81. *Beyazbal*.
- 165006 to 165040. From Nallihan, Ankara. Mar. 27, 1948.
165006. *LINUM USITATISSIMUM* L. Linaceae. Flax.
No. 82. *Keten*.
165007. *VICIA SATIVA* L. Fabaceae. Common vetch.
No. 83.
165008. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 84. *Selinik Fasulyesi*.
- 165009 and 165010. *ORYZA SATIVA* L. Poaceae. Rice.
165009. No. 85. *Celtik Tosya*.
165010. No. 86. *Celtik Tosya*.
165011. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 87. *Nohut*.
165012. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
No. 88. *Ispanak Dikenli*.
165013. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 89. *Hayvan Paucari*.

164925 to 165088.—Continued

165006 to 165040.—Continued

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| 165014. PAPAVER ORIENTALE L. Papaveraceae. | Oriental poppy. |
| No. 90. <i>Kas Kas</i> . | |
| 165015 and 165016. TRITICUM AESTIVUM L. Poaceae. | Common wheat. |
| 165015. No. 91. <i>Bugday</i> . | |
| 165016. No. 92. <i>Ak Bugday</i> . | |
| 165017. ORYZA SATIVA L. Poaceae. | Rice. |
| No. 93. <i>Italian</i> . | |
| 165018. CUCURBITA PEPO L. Cucurbitaceae. | Pumpkin. |
| No. 94. <i>Dolma Kabagi</i> . | |
| 165019. LENS CULINARIS Medic. Fabaceae. | Lentil. |
| No. 95. <i>Ak Mercimek</i> . | |
| 165020. PHASEOLUS COCCINEUS L. Fabaceae. | Scarlet runner bean. |
| No. 96. <i>Fasulya Dombay</i> . | |
| 165021. SESAMUM INDICUM L. Pedaliaceae. | Sesame. |
| No. 97. <i>Susam</i> . | |
| 165022. CUCUMIS MELO L. Cucurbitaceae. | Muskmelon. |
| No. 98. <i>Kuzucular Kavunu</i> . Nallihan. | |
| 165023. CUCURBITA PEPO L. Cucurbitaceae. | Pumpkin. |
| No. 99. <i>Sakiz Kabak</i> . | |
| 165024. CITRULLUS VULGARIS Schrad. Cucurbitaceae. | Watermelon. |
| No. 100. <i>Karakarpuz</i> . Black seeded. | |
| 165025. CUCUMIS MELO L. Cucurbitaceae. | Muskmelon. |
| No. 101. <i>Yag Kavunu</i> . Early type. | |
| 165026. LACTUCA SATIVA L. Asteraceae. | Lettuce. |
| No. 102. <i>Marul Gobeqli</i> . Long-leaved, romaine type. | |
| 165027. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. | Squash. |
| No. 103. <i>Kestane Kabak</i> . | |
| 165028. ALLIUM PORRUM L. Liliaceae. | Leek. |
| No. 104. <i>Yerli Pirosa</i> . | |
| 165029. CUCUMIS SATIVUS L. Cucurbitaceae. | Cucumber. |
| No. 105. <i>Yerli Hiyar</i> . | |
| 165030. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| No. 106. Local variety. | |
| 165031 and 165032. CUCUMIS MELO L. Cucurbitaceae. | Muskmelon. |
| 165031. No. 107. <i>Kuzucular Kavunu</i> . | |
| 165032. No. 108. <i>Manisa Kavunu</i> . | |
| 165033. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. | Cushaw. |
| No. 109. <i>Karakabak</i> . | |
| 165034. PETROSELINUM CRISPUM (Mill.) Nym. Apiaceae. | Parsley. |
| No. 110. <i>Maydonoz</i> . | |
| 165035. LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae. | Calabash gourd. |
| No. 111. <i>Sukabagi</i> . | |

164925 to 165088.—Continued

165006 to 165040.—Continued

165036. *ZEА MAYS* L. Poaceae. Corn.
No. 112. *Cin Misiri*. Popcorn.
165037. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 113.
165038. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 113a.
165039. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
No. 114. *Tere*.
165040. *ANETHUM GRAVEOLENS* L. Apiaceae. Dill.
No. 115. *Dere Otu*.
- 165041 to 165070. From Beypazari, Ankara. Mar. 27, 1948.
165041. *ZEА MAYS* L. Poaceae. Corn.
No. 116. *Buyuk Misir*.
165042. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.
No. 117. *Asma Kabagi*.
165043. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
No. 118. *Ispanak*.
165044. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 119. *Uzun Biber*.
165045. *PORTULACA OLERACEA* L. Portulacaceae. Common purslane.
No. 120. *Semiz Otu Beyaz*.
165046. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 121. *Hiyar*.
165047. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 122. *Dolma Kabagi*.
165048. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.
No. 123. *Dere Otu*.
165049. *ALLIUM PORRUM* L. Liliaceae. Leek.
No. 124. *Pirosasi*.
165050. *MORUS ALBA* L. Moraceae. White mulberry.
No. 125. *Dut Agaci Tohumu*.
165051. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 126. *Kirmizi Havuc*.
165052. *RAPHANUM SATIVUS* L. Brassicaceae. Radish.
No. 127. *Siyah Turp*. Dark type.
165053. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 128.
165054. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.
No. 129. *Kaunabahar*.
165055. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 130. *Yesil Sogan*.
165056. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 131. *Kilciksiz Fasulyasi*.

164925 to 165088.—Continued

165041 to 165070.—Continued

165057.	ZEA MAYS L.	Poaceae.	Corn.
	No. 132.	<i>Cin Misiri</i> .	Popcorn.
165058.	ABELMOSCHUS ESCULENTUS (L.) Moench.	Malvaceae.	Okra.
	No. 133.	<i>Bamya</i> . (Amasya).	
165059.	SOLANUM MELONGENA L.	Solanaceae.	Eggplant.
	No. 134.	<i>Kemer Patlican</i> .	
165060.	PETROSELINUM CRISPUM (Mill.) Nym.	Apiaceae.	Parsley.
	No. 135.	<i>Maydonoz</i> .	
165061.	LACTUCA SATIVA L.	Asteraceae.	Lettuce.
	No. 136.	<i>Kivircik Salatalik Marul</i> .	
165062.	BETA VULGARIS L.	Chenopodiaceae.	Beet.
	No. 137.	<i>Paucar</i> .	
165063.	LACTUCA SATIVA L.	Asteraceae.	Lettuce.
	No. 138.	<i>Yedikule Yagli Marul</i> .	Romaine type.
165064.	APIUM GRAVEOLENS L.	Apiaceae.	Celery.
	No. 139.	<i>Kok Kerevizi</i> .	
165065.	PHASEOLUS VULGARIS L.	Fabaceae.	Common bean.
	No. 140.	<i>Yer Fasulyasi</i> .	
165066.	VICIA FABA L.	Fabaceae.	Broadbean.
	No. 141.	<i>Bakla</i> .	
165067.	BRASSICA OLERACEA VAR. CAPITATA L.	Brassicaceae.	Cabbage.
	No. 142.	<i>Lahana</i> .	
165068.	PHASEOLUS VULGARIS L.	Fabaceae.	Common bean.
	No. 143.	<i>Seker Sirik Fasulyasi</i> .	
165069.	ALLIUM CEPA L.	Liliaceae.	Onion.
	No. 144.	<i>Arpacik Sogani</i> .	
165070.	PHASEOLUS VULGARIS L.	Fabaceae.	Common bean.
	No. 145.	<i>Yer Fasulyasi</i> .	Balikesir, Balikesir Province.
165071 to 165088. From Ayas, Ankara. Mar. 27, 1948.			
165071.	CUCURBITA PEPO L.	Cucurbitaceae.	Pumpkin.
	No. 146.	<i>Sakiz Kabagi</i> .	
165072.	BRASSICA sp.	Brassicaceae.	
	No. 147.	<i>Hardal</i> .	
165073.	VICIA FABA L.	Fabaceae.	Broadbean.
	No. 148.	<i>Bakla</i> .	
165074.	HORDEUM DISTICHON L.	Poaceae.	Barley.
	No. 149.	<i>Arpa</i> .	
165075.	PETROSELINUM CRISPUM (Mill.) Nym.	Apiaceae.	Parsley.
	No. 150.	<i>Maydonoz</i> .	
165076.	TRITICUM AESTIVUM L.	Poaceae.	Common wheat.
	No. 151.	<i>Bugday</i> .	

164925 to 165088.—Continued

165071 to 165088.—Continued

165077. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
No. 152. *Balkabagi*.
165078. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 153. *Cali Fasulya*.
165079. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
No. 154. *Tere*.
165080. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 155. *Nohut*.
165081. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 156. *Kabuksuz Kabak*.
- 165082 and 165083. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
165082. No. 157. *Aysekadin*.
165083. No. 158. *Baynuz Fasulyasi*.
165084. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 159. *Mercimek*.
165085. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 160. *Barbunya Alaca*.
165086. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae. Cabbage.
No. 161. *Lahana*.
165087. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.
No. 162. *Ay Cicegi*.
165088. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
165089. *IPOMOEA TILIACEA* (Willd.) Choisy. Convolvulaceae. Morning-glory.
- From Puerto Rico. Seeds presented by Edward P. Hume, Agricultural Experiment Station, Mayaguez. Received June 4, 1948.
- From near Cabo Rojo.
165090. *ARISTIDA CILIATA* Desf. Poaceae. Large bushman grass.
- From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received June 9, 1948.
- 165091 to 165099.
- From Germany. Seeds presented by Dr. H. Lembke, Malchow, Poel Island, Mecklenburg. Received June 15, 1948.
165091. *BRASSICA CAMPESTRIS* L. Brassicaceae. Rutabaga.
Brandt's Weise.
- 165092 to 165095. *BRASSICA RAPA* L. Turnip.
165092. No. 1. 165094. No. 3.
165093. No. 2. 165095. No. 4.
- 165096 to 165098. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.
165096. No. 1.
165097. No. 2.
165098. No. 3.
165099. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.

165100. GOSSYPIUM. Malvaceae.**Cotton.**

From Mexico. Seeds collected by J. O. Ware, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 15, 1948.

From Jonacatepec, Morelos. May 1948.

165101 to 165227. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Turkey. Seeds presented by Prof. Vamik Taysi, Yuksek Ziraat Enstitusu, Ankara, through J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 16, 1948.

165101. No. 697. *Kirmizi* (178-b). Viransehir, Urfa.

165102. No. 701. *Karakileik* (173-d). Akcakale, Urfa.

165103. No. 704. *Mencek* (172-b). Birecik, Urfa.

165104. No. 732. *Beyaz* (132-b). Agarista, Maras.

165105. No. 733. *Kirmizi Haran* (74-b). Gazi Antep.

165106. No. 733a. *Kirmizi* (174-a). Hilvan, Urfa.

165107 to 165111. From Mardin Province.

165107. No. 734. *Kemahi* (136-b). Kiziltepe.

165108. No. 735. *Graver* (135-c). Derik.

165109. No. 736. *Iskenderi* (136-a). Kiziltepe.

165110. No. 737. *Mencuk* (135-b). Derik.

165111. No. 738. *Sorgul* (135-a). Derik.

165112 to 165124. From Bismil, Diyarbakir Province, unless otherwise indicated.

165112. No. 739. *Normal Sert* (217/2).

165113. No. 740. *Sert* (217/1).

165114. No. 741. *Kirmizi Yazlik* (56-e).

165115. No. 742. *Yazlik* (56-d).

165116. No. 743. *Kirmizi* (54-c).

165117. No. 743a. *Kirmizi* (56-c).

165118. No. 744. *Beyaz B.* (54-b).

165119. No. 745. *Daneli* (54-a).

165120. No. 746. *Nemeli* (Beyaz). (55-a). Ergani.

165121. No. 747. *Kirmizi* (55-b). Ergani.

165122. No. 748. *Sari* (54-e).

165123. No. 749. *Beyaz Bug* (56-a).

165124. No. 750. *Sorgul* (56-b).

165125 to 165145. From Ankara Province.

165125. No. 751. *Saribursa* (16-g).

165126. No. 752. *Sahman* (17-a). S. Kochisar.

165127. No. 753. *Alti Kose* (16-e). S. Kochisar.

165128. No. 754. *Karabasak* (16-d).

165129. No. 755. *Akbug* (17-b).

165130. No. 756. *Akbug* (17-c). S. Kochisar.

165131. No. 757. *Sahman* (17-g). S. Kochisar.

165132. No. 758. *Beyaz* (17/2-c). Pulatli.

165101 to 165227.—Continued

165125 to 165145.—Continued

165133. No. 759. *Sertak* (190-a). Pulatli.
165134. No. 760. *Akbasak* (190-h). S. Kochisar.
165135. No. 761. *Kirmizi Kose* (190-i). Pulatli.
165136. No. 762. *Kirmizi Kose* (190-n). Pulatli.
165137. No. 763. *Kunduru* (190-f). S. Kochisar.
165138. No. 764. *Tunusak* (190-e). Pulatli.
165139. No. 765. *Tunusak* (204/5). Pulatli.
165140. No. 766. *Karisik* (204/4). Pulatli.
165141. No. 767. *Sivas Bug* (204/1). Kirikkak.
165142. No. 768. *Kunduru* (16-b). Kirikkak.
165143. No. 769. *Kunduru* (204/8). Bahseyh.
165144. No. 770. *Sivas Bug* (16-h). Bahseyh.
165145. No. 771. *Ak Sivas* (16-f). Ankara.
165146. No. 772. *Saribasak* (70-c). Eskisehir, Eskisehir.
165147. No. 773. *Sert* (204/6). Haymana, Ankara.
165148. No. 774. *Beyaz* (204/9). Bahseyh, Ankara.
165149 to 165157. From Avanos, Kirsehir Province.

165149. No. 775. *Kirmizi Kiluk* (114-c).
165150. No. 776. *Akbugday* (114-d).
165151. No. 777. *Elbistan* (116-a).
165152. No. 778. *Sahman* (116-b).
165153. No. 779. *Kupeli* (116-c).
165154. No. 780. *Akbug* (116-d).
165155. No. 781. *Akbug* (234/6).
165156. No. 782. *Yumusak* (234/5).
165157. No. 783. *Sert* (234/4).

165158 to 165165. From Yozgat Province.

165158. No. 784. (185-e). Yerkaz.
165159. No. 785. *Saribursa* (185-c). Yerkaz.
165160. No. 786. *Yumusak* (252/5). Bogazliyan.
165161. No. 787. *Yumusak* (252/4). Bogazliyan.
165162. No. 788. *Karisik* (252/3). Bogazliyan.
165163. No. 789. *Yumusak* (252/2). Cerikli.
165164. No. 790. *Sert B* (252/1). Cerikli.
165165. No. 791. *Saribursa* (Sert) (186-b). Sorgon.

165166. No. 792. *Sert* (114-b). Avanos, Kirsehir.165167. No. 793. *Sahman* (114-a). Avanos, Kirsehir.

165168 to 165174. From Yozgat Province.

165168. No. 794. *Sert* (185-f). Yerkoy.
165169. No. 795. *Akbugday* (185-b). Yerkoy.
165170. No. 796. *Yumusak* (Sivas) (186-a). Sorgon.
165171. No. 797. *Gemir* (184-b). Bogazliyan.
165172. No. 797a. *Yumusak* (185-g). Yerkoy.

165101 to 165227.—Continued

165168 to 165174.—Continued

165173. No. 798. *Sarıbursa* (185-a). Yerkey.

165174. No. 799. *Sivas Bug.* Bogazliyan.

165175. No. 800. *Akbugday* (234/10). Kırsehir, Kırsehir.

165176. No. 801. *Sahman* (234/11). Kırsehir, Kırsehir.

165177 to 165200. From Konya Province.

165177. No. 802. *Beyaz Kilciksiz* (123-c). Karaman.

165178. No. 803. *Kirmizi Sert* (123-b). Karaman.

165179. No. 804. *Beyaz Kilikli* (123-c). Karaman.

165180. No. 805. *Akyarnaz* (122-c). Ilgin.

165181. No. 806. *Kizilsert* (122-b). Ilgin.

165182. No. 807. *Topbas* (124-e). Konya.

165183. No. 808. *Akyarnaz* (124-d). Konya.

165184. No. 809. *Kose Omer* (124-c). Konya.

165185. No. 810. *Ak* (124-a). Konya.

165186. No. 811. *Egitmen* (118-c). Beysehir.

165187. No. 812. *Kunduru* (120-a). Cumra.

165188. No. 813. *Ak* (118-b). Beysehir.

165189. No. 814. *Ak* (122-a). Ilgin.

165190. No. 815. *Kirmizi Comak* (121-e). Eregli.

165191. No. 816. *Beyaz Comak* (121-c). Eregli.

165192. No. 817. *Kunduru* (121-b). Eregli.

165193. No. 818. *Akyarnaz* (121-a). Eregli.

165194. No. 819. *Karakilcik* (121-d). Eregli.

165195. No. 820. *Sert Sari* (117-d). Aksehir.

165196. No. 821. *Ziraat* (117-f). Aksehir.

165197. No. 822. *Akyarnaz* (117/e). Aksehir.

165198. No. 823. *Romanya ak* (117-a). Aksehir.

165199. No. 824. *Bolvadin* (118-a). Beysehir.

165200. No. 825. *Ak* (120-b). Cumra.

165201 to 165210. From Seydishehri, Konya Province.

165201. No. 826. *Kirmizi Kilciksiz* (125-c).

165202. No. 827. *Karakilcik* (125-a).

165203. No. 828. *Beyaz Kilcik* (125-b).

165204. No. 829. *Kirmizi* (125-d).

165205. No. 930. *Akkilciksiz* (125-a).

165206. No. 831. *Ak Bolvadin* (125-m).

165207. No. 823. *Beyaz Kilikli* (125-f).

165208. No. 833. *Sert Bolvadin* (125-e).

165209. No. 834. *Ziraat* (125-i).

165210. No. 835. *Kirmizi Bolvadin* (125-g).

165211 to 165225. From Konya Province.

165211. No. 836. *Sert* (235/5). Cihanbeyli.

165212. No. 837. *Yumusak* (235/3). Kadinhani.

165101 to 165227.—Continued**165211 to 165225.—Continued**

- 165213. No. 838. *Yumusak* (235/2). Aksehir.
- 165214. No. 839. *Kombina* (125/1). Kadinhani.
- 165215. No. 840. *Karisik* (235/12). Konya.
- 165216. No. 841. *Karisik* (235/9). Aksehir.
- 165217. No. 842. *Sert* (235/8). Aksehir.
- 165218. No. 843. *Yumusak* (235/6). Cihanbeyli.
- 165219. No. 844. *Yumusak* (235/20). Sarayonu.
- 165220. No. 845. *Kizilca* (235/16). Ilgin.
- 165221. No. 846. *Kizilca* (235/15). Kadinhani.
- 165222. No. 847. *Sert* (235/14). Konya.
- 165223. No. 848. *Yumusak* (235/13). Aksehir.
- 165224. No. 849. *Sert* (235/22). Sarayonu.
- 165225. No. 850. *Yumusak* (235/23). Sarayonu.
- 165226. No. 851. *Karakilcik* (79-a). Iskanderun, Hatay.
- 165227. No. 852. *Saribas* (79-d). Iskanderun, Hatay.

165228 to 165395.

From Guatemala and Mexico. Seeds collected by J. O. Ware and C. W. Manning, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 17, 1948.

Collected in 1948.

From Mexico unless otherwise noted.

165228 to 165246. Gossypium. Malvaceae.**Cotton.**

- 165228. No. 167. From Antigua, Sacatepéquez, Guatemala. Apr. 22.
- 165229 to 165236. From Tlacolula, Oaxaca. Apr. 30.
 - 165229. No. 201. Bolls small, lint brown, pollen yellow, leaves small.
 - 165230. No. 202. Bolls small, lint white, pollen yellow, bract tips 5 to 9, leaves small and 3-lobed.
 - 165231. No. 203. Bolls small, lint brown, petals cream, pollen yellow, bract tips 3 to 6, leaves 3-lobed.
 - 165232. No. 204. Bolls small, lint white, bract tips 5 to 9, leaves small and 3-lobed.
 - 165233. No. 205. Bolls small, lint white, petals cream, pollen yellow, bract tips 2 to 6, leaves large.
 - 165234. No. 206. Bolls small, white lint, bract tips 6 to 8, leaves small and 3-lobed.
 - 165235. No. 207. Bolls small, lint brown, bract tips 4 to 7, leaves small and 3-lobed.
 - 165236. No. 208. Bolls small, lint white, bract tips 3 to 6, leaves small and 3-lobed.
- 165237 to 165244. From Matatlan, Oaxaca. Apr. 30.
 - 165237. No. 209. Bolls small, lint brown, petals yellow, pollen yellow, bract tips 4 to 6, leaves small and 3-lobed.
 - 165238. No. 210. Bolls small, lint white, petals yellow, pollen yellow, leaves 3-lobed.
 - 165239. No. 211. Bolls small and globose; boll glands rather prominent; lint brown; leaves small, $\frac{1}{2}$ - to $\frac{2}{3}$ -cut, and 3-lobed.
 - 165240. No. 212. Bolls small and globose, lint white, seed fuzz brown to greenish, petals yellowish, leaves small and about $\frac{1}{4}$ -cut.

165228 to 165395.—Continued

165228 to 165246.—Continued

165237 to 165244.—Continued

165241. No. 213. Bolls small and globose, lint white, seed fuzz brownish-green, petals yellowish, leaves $\frac{1}{2}$ -cut.

165242. No. 214. Bolls small and globose; lint white; boll glands prominent; seed fuzz dark-green; petals yellowish; flowers small; leaves small, 3-lobed, and about $\frac{1}{3}$ -cut.

165243. No. 215. Bolls slightly elongated; lint white; seed fuzz brown to green; petals yellowish, no spot; leaves small, $\frac{1}{2}$ -cut, and 3-lobed.

165244. No. 216. Bolls small, slightly elongated; lint white; seed fuzz brown to green; petals yellowish; leaves small, $\frac{1}{2}$ -cut, and 3-lobed.

165245 and 165246. From Tototapan, Oaxaca. May 1.

165245. No. 217. Bolls small and globose, boll glands prominent, lint white, seed fuzz brownish-green.

165246. No. 218. Five to six seeds per boll, glands prominent, lint white, seed fuzz dark-green, petals yellowish, slight petal spot.

165247. STURTIA GOSSYPIODES R. Br. Malvaceae.

No. 219. Tototapan, Oaxaca. May 1. Bolls small; seeds lintless, fuzzy; bracts adhered at base, single point; leaves $\frac{1}{2}$ -cut, 3-lobed.

165248 to 165395. GOSSYPIMUM. Malvaceae.

Cotton.

165248 to 165251. From Oaxaca, Oaxaca State. May 6.

165248. No. 220. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 to 6, slender; bracts slender, $\frac{1}{2}$ length of flower; leaves small, $\frac{1}{3}$ -cut, 3-lobed.

165249. No. 221. Bolls small; lint white; petals cream; pollen yellow; bract tips 3 to 6, $\frac{1}{2}$ length of flower; leaves $\frac{1}{3}$ -cut, 3-lobed.

165250. No. 222. Lint white; petals yellowish; pollen yellow; bract tips 7 to 9, almost equal to flower length; leaves $\frac{1}{3}$ -cut, 3-lobed.

165251. No. 223. Bolls small, globose; lint white; petals yellowish; pollen yellow; bract tips 6 to 9; leaves $\frac{1}{3}$ -cut, 3-lobed.

165252 to 165260. From Mitla, Oaxaca. May 9.

165252. No. 224. Bolls small; lint white; petals cream; pollen cream; bract tips 3 to 5, shorter than flower; leaves $\frac{1}{3}$ -cut, 3-lobed.

165253. No. 225. Bolls small, lint brown, bract tips 3 to 6, leaves $\frac{1}{3}$ -cut and 3-lobed.

165254. No. 226. Bolls small, lint brown, bract tips 3 to 6, leaves $\frac{1}{3}$ -cut and 3-lobed.

165255. No. 227. Bolls small; lint white; bract tips 3 to 5, shorter than flower; leaves $\frac{1}{3}$ -cut and 3-lobed.

165256. No. 228. Bolls small, pointed, and somewhat elongated; lint white; pollen yellow; bract tips 3 or 4, slightly shorter than flower; leaves $\frac{1}{3}$ -cut.

165257. No. 229. Bolls small, lint white, seeds large, pollen yellow, bract tips 4 to 7, leaves $\frac{1}{3}$ -cut.

165258. No. 230. Bolls small; lint white; petals yellowish; bract tips 3 to 6, $\frac{3}{4}$ as long as flower; leaves $\frac{1}{3}$ -cut.

165259. No. 231. Bolls small, slightly pointed; boll gland prominent; bract tips 7 to 9, slightly shorter than flower; bracts almost as broad as as long.

165260. No. 232. Bolls small; boll glands prominent; lint white; petals yellowish; pollen yellow; bract tips 3 to 6, shorter than flower; leaves $\frac{1}{3}$ -cut.

165228 to 165395.—Continued

165248 to 165395.—Continued

165261 and 165262. From Teotitlán del Camino, Oaxaca. May 9.

165261. No. 233. Bolls small; boll glands prominent; lint white; bract tips 3 to 6, narrower than most; leaves $\frac{1}{3}$ -cut.

165262. No. 234. Bolls small; boll glands prominent; lint brown; petals cream; pollen yellow; bract tips 3 or 4, shorter than flower; leaves small, $\frac{1}{4}$ -cut.

165263. No. 235. San Augustine de Las Juntas, Oaxaca. May 9. Bolls small; petals cream; pollen yellow; anthers few; bract tips 6 to 11, shorter than flower; leaves $\frac{1}{3}$ -cut.

165264. No. 236. Minos Frujano, Oaxaca. May 9. Bolls small, lint white, petals cream, pollen yellow, bract tips 5 to 8, leaves $\frac{1}{3}$ -cut.

165265. No. 237. San Bartolo Callotepec, Oaxaca. May 9. Bolls small, lint white, bract tips 3 to 6, leaves $\frac{1}{3}$ -cut.

165266. No. 238. La Cieniga Cimatlan, Oaxaca. Bolls small, lint white, bract tips 4 to 6, leaves $\frac{1}{2}$ -cut.

165267 and 165268. From San Juan Bautista, Oaxaca. May 10.

165267. No. 239. Bolls small, lint white, bract tips 5 to 7, leaves $\frac{1}{3}$ -cut and 3-lobed.

165268. No. 240. Bolls small, lint white, petals cream, pollen yellow, bract tips 4 or 5, leaves $\frac{1}{2}$ -cut and 3-lobed.

165269 and 165270. From Zaachila, Oaxaca. May 10.

165269. No. 241. Bolls small, lint brown, bract tips 9 or 10, leaves $\frac{1}{3}$ -cut and 3-lobed.

165270. No. 242. Bolls small; lint white; petals cream, no spot; pollen yellow; bract tips 4 to 9, shorter than flower; leaves $\frac{1}{3}$ -cut, 3-lobed.

165271 and 165272. From Hacienda de Reyas Mantecon, Oaxaca. May 11.

165271. No. 243. Bolls small, lint white, bract tips 6 or 7, leaves $\frac{1}{3}$ -cut and 3-lobed.

165272. No. 244. Bolls small, lint white, bract tips 6 or 7, leaves $\frac{1}{3}$ -cut and 3-lobed.

165273 and 165274. From La Cieniga Cimatlan, Oaxaca. May 11.

165273. No. 245. Bolls small, lint white, bract tips 7 to 10, bracts fairly large, leaves $\frac{1}{3}$ -cut and 3-lobed.

165274. No. 246. Bolls small, lint white, bract tips 7 to 9, leaves $\frac{1}{3}$ -cut and 3-lobed.

165275 to 165283. From Zimatlán, Oaxaca. May 11.

165275. No. 247. Bolls small; lint white; petals cream; pollen yellow; bract tips 6 to 9, shorter than flower; leaves $\frac{1}{4}$ -cut, 3-lobed.

165276. No. 248. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 to 6, shorter than flower; leaves $\frac{1}{3}$ -cut.

165277. No. 249. Bolls small; lint white; petals yellow; pollen yellow; bract tips 4 to 7, shorter than flower; leaves $\frac{1}{4}$ -cut.

165278. No. 250. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 4 to 7, shorter than flower; leaves $\frac{1}{4}$ -cut.

165279. No. 251. Bolls small, lint white, bract tips 3 to 6, leaves $\frac{1}{3}$ -cut.

165280. No. 252. Bolls small, lint brown, bract tips 4 to 6, leaves $\frac{1}{3}$ -cut.

165281. No. 253. Bolls small, lint brown, bract tips 4 to 8, leaves $\frac{1}{3}$ -cut.

165282. No. 254. Bolls small, lint white, bract tips 4 to 6, leaves $\frac{1}{3}$ -cut.

165283. No. 255. Bolls small, lint white, bract tips 3, leaves $\frac{1}{3}$ -cut.

165228 to 165395.—Continued

165248 to 165395.—Continued

165284. No. 256. San Nicholas Quilana, Oaxaca. May 11. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 to 5, shorter than flower; leaves $\frac{1}{2}$ -cut.

165285 and 165286. From San Pablo, Oaxaca. May 11.

165285. No. 257. Bolls small; lint white; petals yellowish, no spot; pollen yellow; bract tips 4 to 7, shorter than flower; leaves $\frac{3}{4}$ -cut.

165286. No. 258. Bolls small, lint white, bract tips 3 to 5, leaves $\frac{3}{4}$ -cut.

165287 to 165289. From Santa Gertrudes, Oaxaca. May 11.

165287. No. 259. Bolls small, lint white, bract tips 3 to 5, leaves $\frac{1}{2}$ -cut.

165288. No. 260. Bolls small, lint white, bract tips 3 to 6, leaves $\frac{1}{2}$ -cut.

165289. No. 261. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 4 to 6, shorter than flower; leaves $\frac{1}{4}$ -cut.

165290. No. 262. Valdeflores, Oaxaca. May 11. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 to 5, about $\frac{1}{2}$ as long as flower; leaves $\frac{3}{8}$ -cut.

165291 to 165293. From San Juan Chilateca, Oaxaca. May 13.

165291. No. 263. Bolls small, globose; lint white; bract tips 4 to 7, almost square; leaves small, $\frac{1}{2}$ -cut.

165292. No. 264. Bolls small; lint white; petals cream; pollen yellow; bract tips 3 to 6, shorter than flower; leaves small, $\frac{3}{8}$ -cut.

165293. No. 265. Bolls small; lint brown; pollen yellow; bract tips 4 to 7, shorter than flower; leaves small, $\frac{1}{2}$ -cut.

165294 to 165299. From Ocotlán, Oaxaca. May 13.

165294. No. 266. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 or 4, stubby; leaves small, $\frac{1}{4}$ -cut.

165295. No. 267. Bolls small; lint white; seeds somewhat naked, with green tuft; bract tips 4 to 6; leaves $\frac{1}{4}$ -cut.

165296. No. 268. Bolls small; pollen yellow; lint white; bract tips 1 to 5, shorter than flower; leaves $\frac{1}{2}$ -cut.

165297. No. 269. Bolls very small; lint brown; petals cream; pollen yellow; bract tips 3 to 8, half the length of flower; leaves small, $\frac{1}{2}$ -cut.

165298. No. 270. Bolls small; lint white; petals cream; pollen yellow; bract tips 4 to 9, shorter than flower; leaves small, $\frac{1}{2}$ -cut.

165299. No. 271. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 to 5, slightly shorter than flower; leaves $\frac{1}{2}$ -cut.

165300. No. 272. San Martin, Oaxaca. May 13. Bolls small, lint white, seeds almost naked, bract tips 5 or 6, leaves $\frac{1}{2}$ -cut.

165301. No. 273. El Vergel, Oaxaca. May 13. Bolls small; lint white; seeds slightly naked; petals yellowish; pollen yellow; bract tips 3 to 5, shorter than flower; leaves small, $\frac{1}{4}$ -cut.

165302. No. 274. San Miguel, Oaxaca. May 13. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 3 or 4, $\frac{1}{2}$ length of flower; leaves $\frac{1}{2}$ -cut.

165303 to 165306. Ejutla, Oaxaca. May 13.

165303. No. 275. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 2 to 5, shorter than flower; leaves $\frac{1}{2}$ -cut.

165304. No. 276. Bolls small; lint white; petals cream; pollen yellow; bract tips 4 or 5, about $\frac{1}{2}$ length of flower; leaves small, $\frac{1}{4}$ -cut.

165305. No. 277. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 5 or 6, shorter than flower; leaves small, $\frac{1}{4}$ -cut.

165306. No. 278. Bolls small; lint white; petals yellowish; pollen yellow; bract tips 4 to 7, shorter than flower; leaves small, $\frac{3}{8}$ -cut.

165228 to 165395.—Continued

165248 to 165395.—Continued

165307. No. 279. Las Monjas, Oaxaca. May 13. Bolls small; lint white; petals yellowish; pollen yellow; seeds naked, with green tuft; bract tips 4 to 7; leaves $\frac{1}{2}$ -cut.
- 165308 to 165312. From Miahuatlán, Oaxaca. May 13.
165308. No. 280. Bolls small; lint white; seeds naked, with green tuft; pollen yellow; bract tips 3 to 7, equal flower length; leaves small, $\frac{1}{3}$ -cut.
165309. No. 281. Bolls small, lint brown, seeds partially naked, bract tips 3 to 7, leaves $\frac{1}{3}$ -cut.
165310. No. 282. Bolls small, lint brown, bract tips about 6, leaves $\frac{1}{3}$ -cut.
165311. No. 283. Lint white, bract tips 4 to 7, leaves $\frac{1}{3}$ -cut.
165312. No. 284. Bolls small; lint white; bract tips 4 or 5, shorter than flower; no petal spot; pollen yellow; leaves $\frac{1}{4}$ -cut.
- 165313 and 165314. From Pochutla, Oaxaca. May 16.
165313. No. 285. Lint white, bract tips 7 to 11, leaves $\frac{1}{4}$ -cut and 3-lobed.
165314. No. 286. Petals yellow; pollen yellow; bract tips 5 to 7, shorter than flower; leaves $\frac{1}{4}$ -cut, 3-lobed.
- 165315 and 165316. From Chacalapa, Oaxaca. May 17.
165315. No. 287. Lint white; petals yellow; pollen yellow; bract tips 6 to 10, equal or exceed flower length; leaves $\frac{1}{3}$ -cut, 3-lobed.
165316. No. 228. Bolls average size; lint white; bract tips 5 to 7, narrow; leaves $\frac{1}{2}$ -cut, 3-lobed.
- 165317 and 165318. From Pochutla, Oaxaca. May 18.
165317. No. 289. Bolls average size, lint white, bract tips 5 to 9, leaves $\frac{1}{2}$ -cut and 3-lobed.
165318. No. 290. Lint white, bract tips 4 to 6, leaves $\frac{1}{4}$ -cut and 3-lobed.
165319. No. 291. Tonameca, Oaxaca. May 18. Bolls small, lint white, petals yellow, pollen yellow.
165320. No. 292. Rancho San Andres, Oaxaca. May 19. Bolls average size; lint white; petals yellow; pollen yellow; bract tips 6 or 7, shorter than flower; leaves $\frac{1}{3}$ -cut, 3-lobed.
165321. No. 293. San Francisco, Oaxaca. May 19. Lint white, leaves $\frac{1}{2}$ -cut and 3-lobed.
- 165322 to 165325. From Tututepec, Oaxaca. May 20 and 21.
165322. No. 294. Lint white.
165323. No. 295. Seeds with only slight fuzz.
165324. No. 296. Leaves fairly smooth, rather pointed, 3-lobed; seeds slightly naked.
165325. No. 297. Seeds fuzzy.
- 165326 and 165327. From Asoyu, Guerrero. May 27.
165326. No. 298. Bolls small; lint white; petals yellowish, with spot; pollen cream; bract tips 6 to 9, equal to flower length.
165327. No. 299. Bolls small; lint white; petals yellowish, with spot; pollen cream; bract tips 3 to 5, $\frac{1}{2}$ length of flower.
- 165328 to 165330. From Ometepec, Guerrero. May 28.
165328. No. 300. Bolls small; lint white; petals yellowish; pollen cream; bract tips 4 or 5, shorter than flower.
165329. No. 301. Bolls small; lint white; petals yellowish; pollen cream; bract tips 4 or 5, shorter than flower.
165330. No. 302. Bolls small; lint white; petals yellowish; pollen cream; bract tips 5 to 7, equal to flower length.

165228 to 165395.—Continued

165248 to 165395.—Continued

165331 and 165332. From La Ladrillera, Guerrero. May 29.

165331. No. 303. Lint white.

165332. No. 304. Lint white.

165333. No. 305. Arroya El Zapote, Guerrero. May 29. Upland type. Bolls average size, lint white, seeds naked with fuzzy tuft.

165334 to 165337. From Huajintepec, Guerrero. May 30.

165334. No. 306. Bolls very small; lint white; old flowers present; bract tips 5 or 6, shorter than flower.

165335. No. 307. Bolls small, lint white, bract tips 6 or 7.

165336. No. 308.

165337. No. 309. Bolls small; lint white; petals yellowish; pollen cream; bract tips 5 to 6, about $\frac{1}{2}$ length of flower.

165338. No. 310. La Voca de Chicapilla, Oaxaca. May 30. Cultivated. Upland type. Bolls average size, lint white, petals cream, pollen cream, bract tips 3 to 9.

165339. No. 311. Umiopa, Oaxaca. May 30. Cultivated.

165340. No. 312. La Canada del Totomoxthe, Oaxaca. May 31. Bolls small; lint white; bract tips 7 to 9, longer than flower.

165341 and 165342. From Ixcapa, Oaxaca. May 31.

165341. No. 313. (No data.)

165342. No. 314. Upland type. Boll average size; seeds naked with fuzzy tuft; petals cream; pollen cream; bract tips 4 to 7, shorter than flower; leaves $\frac{1}{3}$ -cut.

165343. No. 315. Camotinchán, Oaxaca. May 31. Bolls small and globose; lint white; petals yellowish, with spot; pollen cream; bract tips 3 to 6, shorter than flower.

165344 to 165349. From Cacahuatpec, Oaxaca. May 31.

165344. No. 316. Bolls small and globose, lint white, petals yellowish, pollen cream, bract tips 3 to 5.

165345. No. 317. Upland type. Lint white; seeds partially naked; petals cream; pollen cream; bract tips 4 to 6, shorter than flower; leaves $\frac{1}{3}$ -cut.

165346. No. 318. (No data.)

165347. No. 319. Bolls small; petals yellowish; pollen cream; lint white; bract tips 4 to 7, equal to flower length.

165348. No. 320. Bolls small, lint white, bract tips 5 to 8.

165349. No. 321. Bolls small, lint white, bract tips 3 to 6.

165350 and 165351. From Pie da La Cuesta, Oaxaca. June 1.

165350. No. 322. Bolls small, lint white, bract tips 5 to 7.

165351. No. 323. Bolls small; lint white; petals yellowish; pollen cream; bract tips 3 to 6, shorter than flower.

165352. No. 325. La Ormiga, Oaxaca. June 1. Bolls small; lint white; petals yellowish; pollen cream; bract tips 4 to 6, about equal to flower length.

165353 and 165354. From Pueblo Nuevo, Guerrero. June 2.

165353. No. 326.

165354. No. 327. Lint white; petals yellowish, with spot; pollen cream.

165355. No. 328. Arroya Del Limon, Guerrero. June 2. Cultivated. Upland type.

165228 to 165395.—Continued

165248 to 165395.—Continued

165356. No. 329. Cusuyoapa, Guerrero. June 2. Bolls small; lint white; petals yellowish, with spot; pollen cream; bract tips 5 to 7, shorter than flower.
- 165357 to 165360. From Tlacuachistlahuca, Guerrero. June 2.
165357. No. 331.
165358. No. 332. Lint white, bract tips 4 or 5.
165359. No. 333. Bolls small; lint white; petals yellowish, with spot; pollen cream; bract tips 3 to 5, shorter than flower.
165360. No. 334. Bolls small, lint white, bract tips 4 to 6.
165361. No. 335. Zaculpan, Guerrero. June 3. Bolls small, lint brown, bract tips 2 to 4.
165362. No. 337. Vista Hermosa, Guerrero. June 4. Lint white.
165363. No. 338. Vista Hermosa, Guerrero. June 4. Lint brown.
165364. No. 339. Maquelia, Guerrero. June 4. Upland type.
165365. No. 340. La Salinas, Guerrero. June 4. Upland type; lint white.
165366. No. 341. Cruz Grande, Guerrero. June 5. Bolls small; lint white; bract tips 4 to 6, shorter than flower.
- 165367 to 165369. From Maquina del Rio de Niepa, Guerrero. June 5.
165367. No. 343. Upland type. Bolls average size, lint white, seeds naked with fuzzy tuft, pollen cream, petals cream, bract tips 3 to 8, leaves $\frac{1}{2}$ -cut.
165368. No. 344. Upland type. Bolls average size, lint white, seeds naked with fuzzy tuft, pollen cream, petals cream, bract tips 3 to 8, leaves $\frac{1}{2}$ -cut.
165369. No. 345. Upland type. Bolls average size, lint white, seeds naked with fuzzy tuft, pollen cream, petals cream, bract tips 3 to 8, leaves $\frac{1}{2}$ -cut.
165370. No. 346. San Mareos, Guerrero. June 5. Bolls small, lint white, flowers yellowish with spot, pollen cream, bract tips 4 to 6.
- 165371 to 165373. From Tres Palos, Guerrero. June 5.
165371. No. 347. Bolls small, lint white, bract tips 4 to 6.
165372. No. 348. Bolls small, lint white, bract tips 5 to 7.
165373. No. 349. Bolls small, lint white, petals yellowish with spot, pollen cream, bract tips 5 to 8.
- 165374 to 165376. From Llano Largo, Guerrero. June 5.
165374. No. 350.
165375. No. 351.
165376. No. 352.
165377. No. 353. Puerto Marquez, Guerrero. June 5.
165378. No. 354. Llano Largo, Guerrero. June 5.
165379. No. 355. La Savana, Guerrero. June 5.
- 165380 and 165381. From Acapulco, Guerrero. June 6.
165380. No. 356. Bolls small, lint white, petals yellowish with spot, pollen cream, bract tips 5 to 9.
165381. No. 357.
165382. No. 358. Pie de La Cuesta, Guerrero. June 6.

165228 to 165395.—Continued**165248 to 165395.—Continued**

165383 to 165386. From Playa de Pie de La Cuesta, Guerrero. June 6.

165383. No. 359.

165384. No. 360.

165385. No. 361.

165386. No. 362.

165387. No. 363. Bajos Los Del Ejido, Guerrero. June 6.

165388. No. 364. Con Chero, Guerrero. June 6.

165389 and 165390. From Acapulco, Guerrero. June 6.

165389. No. 365.

165390. No. 366.

165391. No. 367. El Treinta, Guerrero. June 6.

165392 to 165393. From El Tinguis, Guerrero. June 6.

165392. No. 368.

165393. No. 369.

165394 and 165395. From El Ocotite, Guerrero. June 6.

165394. No. 370.

165395. No. 371. Bolls average; lint white; bract tips about 5; leaves $\frac{1}{2}$ -cut, 3-lobed.

165396. ANNONA CHERIMOLA Mill. Annonaceae. Cherimoya.

From Peru. Seeds presented by C. A. Boonstra, American Embassy, Lima. Received June 17, 1948.

San Marcos, Cajamarca.

165397 to 165414. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From the Belgian Congo. Seeds presented by the INEAC, Yangambi. Received June 18, 1948.

165397. *E* 1. Giza Bungi, Orman, Egypt.

165398. *A* 1. Genena.

165399. *E* 42. Banzyville.

165400. *E* 10. Ubangi, Bongabo.

165401. *A* 20. Mputub.

165402. *C* 29/1/1.

165403. *C* 11/1/3.

165404. *C* 65/1/1.

165405. *E* 4. A Pombo, Kirwit.

165406. *A* 49. Brazilian origin.

165407. *A* 65. Brazilian origin.

165408. *E* 15. *Comum*. Italian origin.

165409. *E* 19. *Amarelo*. Brazilian origin.

165410. *E* 14. *Tatu*. Campinas, Brazilian origin.

165411. *E* 18. *Roxo*. Brazilian origin.

165412. *E* 12. *K* 38. Nigerian origin.

165413. *E* 11. *C. C.* Nigerian origin.

165414. *E* 43. Swaziland.

165415 to 165468.

From Mexico. Seeds collected by J. O. Ware and C. W. Manning, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 18, 1948.

Collected in 1948.

165415. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.

No. 1046. Tlacolula, Oaxaca. April 30.

165416. *ERYTHRINA LANATA* Rose. Fabaceae.

No. 1047. Seventy miles southeast of Oaxaca, Oaxaca Province. May 1.

165417 to 165428. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

165417. No. 1048. Seeds small, black.

165418. No. 1049.

165419. No. 1050. Seeds small, black, reinform.

165420. No. 1051.

165421. No. 1052. Seeds large, black, reniform.

165422. No. 1053. Seeds medium size, reniform.

165423. No. 1054. Seeds medium size, reniform.

165424. No. 1055.

165425. No. 1056.

165426. No. 1057.

165427. No. 1058.

165428. No. 1059.

165429. *PHALARIS CANARIENSIS* L. Poaceae. Canary grass.

No. 1060.

165430 to 165432. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.

165430. No. 1061.

165431. No. 1062.

165432. No. 1063.

165433 to 165442. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

165433. No. 1064. *Acotlanero Nigro*. Black. Ocotlán, Oaxaca.

165434. No. 1065. *Delgado*.

165435. No. 1066. *Callacatlan Frijol*. Callacatlan, Oaxaca.

165436. No. 1067. *Frijolan*. Ecuitalapa, Oaxaca.

165437. No. 1068. *Frijol Gixumil*. Ocotlán, Oaxaca. Seeds dark-red, reniform.

165438. No. 1069. *Frijol Chivo*. Ocotlán. Seeds dark-red, long, reniform.

165439. No. 1070. *Cuarenteno*. Cuilápan. Seeds dark-tan, long, reniform.

165440. No. 1071. *Vallo Delgado*. Puebla City. Seeds light-tan, reniform.

165441. No. 1072. *Frijol Blanca Delgado*. Penoles, Oaxaca. Seeds small, white, reniform.

165442. No. 1073. *Frijol Aluvia*. Ocotlán. Seeds very small, white, reniform.

165443. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.

No. 1074. *Frijol Aluerja*. Ocotlán, Oaxaca. Seeds tan.

165444. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

No. 1075. *Gabansos*. Tlacolula, Oaxaca.

165415 to 165468.—Continued

165445. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 1076. *Trigo Pelan*. Villa de Etla, Oaxaca.
165446. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.
No. 1077. *Higuerilla*. Grown at Valli de Oaxaca, Oaxaca.
165447. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.
No. 1078. Las Monjas, Oaxaca. May 13.
165448. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 1079. Pochutla, Oaxaca. May 13. Melon rather small, red flesh, and black seeds.
- 165449 and 165450. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
165449. No. 1080. Mamaltepec, Oaxaca. May 20. Good flavor but somewhat hard.
165450. No. 1081. Rancho San Andres, Oaxaca. May 20.
165451. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 1082. Rancho San Andres, Oaxaca. May 20.
165452. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 1083. Tututepec, Oaxaca. May 20.
- 165453 and 165454. From Asaya, Guerrero. May 27.
165453. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 1084. Seeds black.
165454. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 1085.
165455. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 1086. Ometepec, Guerrero. May 28. Originally from La Libertado.
- 165456 to 165458. *ZEA MAYS* L. Poaceae. Corn.
165456. No. 1087. Guerrero. May 28. Originally from La Libertado. Seeds large, white, and flat.
165457. No. 1088. Huajintepec de Naranjo, Guerrero. May 29.
165458. No. 1089. Huajintepec de Naranjo, Guerrero. May 29. White seed.
- 165459 to 165464. From Oaxaca State. June 1.
165459. *SORGHUM VULGARE* Pers. Poaceae.
No. 1090. Cacahuatpec. May 31. Grain sorghum.
- 165460 to 165462. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
165460. No. 1091. Camotinchán. Seeds black.
165461. No. 1092. Amusgo. Seeds black.
165462. No. 1093. Amusgo. Seeds black.
- 165463 and 165464. *ZEA MAYS* L. Poaceae. Corn.
165463. No. 1094. Amusgo. White corn.
165464. No. 1095. Amusgo. Mixed corn.
- 165465 to 165468. From Guerrero State. June 2.
- 165465 and 165466. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
165465. No. 1096. Tlacuachistlahuaca. Seeds black; vine type.
165466. No. 1097. Xochistlahuaca. Seeds black.
165467. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 1098. Xochistlahuaca. Seeds white.

165415 to 165468.—Continued**165465 to 165468.—Continued**

165468. *ABELMOSCHUS ESCULENTUS* (L). Moench. Malvaceae. **Okra.**

No. 1099. From La Salinas.

165469. PASPALUM CONJUGATUM Berg. Poaceae.

From Brazil. Seeds collected by J. L. Stephens, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, Australia. Received Apr. 14, 1948.

No. 341. Butantan, São Paulo.

165470. SACCHARUM. Poaceae. **Sugarcane.**

From the Philippine Islands. Cuttings presented by Theodore H. Davies and Company, Manila. Received June 21, 1948.

POJ 2878.

165471 to 165475. ORYZA SATIVA L. Poaceae. **Rice.**

From China. Seeds presented by the Rice and Wheat Experiment Station, Chengtu, Szechwan. Received June 21, 1948.

165471. *Ta-hai.*

165474. *Szechuan 422.*

165472. *Hong-shei-lo.*

165475. *Polyhuaked.*

165473. *Tze-ta-hei.*

165476. TRITICUM sp. Poaceae.

From Uruguay. Seeds presented by Hubert Maness, Agricultural Attaché, Montevideo. Received June 18, 1948.

165477 ORYZA SATIVA L. Poaceae. **Rice.**

From Japan. Seeds collected by Capt. V. I. Hack, United States Army, San Francisco, Calif. Received June 22, 1948.

165478. SACCHARUM. Poaceae. **Sugarcane.**

From the Union of South Africa. Cuttings presented by the Experiment Station of the South African Sugar Association, Mount Edgecomb, Natal. Received June 22, 1948.

Co. 223.

165479 to 165609.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 22, 1948.

Collected in 1948.

165479. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**

No. 8954. *Nairipayaru.* Coimbatore, Madras. Feb. 27.

165480. *DOLICHOS BIFLORUS* L. Fabaceae.

No. 9065. Bangalore, Mysore. Mar. 12.

165481. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

No. 9200. Belgaum, Bombay. Mar. 20.

165482. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 9276. *Muti.* Lucknow, United Provinces. Mar. 28.

165483. *FICUS CARICA* L. Moraceae.

Common fig.

No. 9282. *Anjir.* Poona, Bombay. Mar. 26. Fruit 2 to 2½ inches long, top-shaped, yellow and purple, nearly seedless.

165479 to 165609.—Continued

- 165484 to 165512. From Lucknow, United Provinces. Mar. 29.
165484. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 9284. *Gajar*. Root long, orange-red.
165485. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 9286. *Choghundar*.
165486. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 9287. *Lobra*.
165487. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9288. *Rong*.
165488. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.
No. 9291. *Phulgobi*.
- 165489 and 165490. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
165489. No. 9293. *Ponderosa*.
165490. No. 9294. *Marglobe*.
165491. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.
No. 9295. *Gobi*. Medium-sized, round heads of good quality.
165492. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
No. 9296.
165493. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 9297. *Lobra*.
165494. *BRASSICA RAPA* L. Brassicaceae. Turnip.
No. 9298. *Shelgham*. Root globose, white, purple-topped.
165495. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 9299. *Muli*. Root long, white.
165496. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 9300. *Bhindi*.
165497. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9301. *Rong*.
165498. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 9302. *Pujaz*.
165499. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 9303. *Khira*. Long type.
165500. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.
No. 9304. *Gobi*.
165501. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 9305. *Bhindi*.
165502. *BETA VULGARIS* L. Chenopodiaceae. Beet.
No. 9306. *Palak*.
165503. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 9307. *Muli*. An extra long type.
165504. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
No. 9308. *Palak*.
165505. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
No. 9309. *Bengan*. Long purple type.

165479 to 165609.—Continued

165484 to 165512.—Continued

165506. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.
No. 9310. *Khira*. Long type.
165507. LACTUCA SATIVA L. Asteraceae. Lettuce.
No. 9311. *Salat*.
165508. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.
No. 9312. *Kakri*.
165509. CUCUMIS MELO L. Muskmelon.
No. 9313. *Khira Balam*. Long thin type.
165510. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.
No. 9314. *Mirch*. Large, sweet bullnose type.
165511. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.
No. 9315. *Guar*.
165512. MEDICAGO SATIVA L. Fabaceae. Alfalfa.
No. 9316.
- 165513 to 165516. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
165513. No. 9317. *Kharbuza*. Fruit subglobose, green, ribbed, well netted; flesh salmon, insipid.
165514. No. 9318. *Kharbuza*. Fruit subglobose, netted, slightly ribbed, yellow; flesh salmon.
165515. No. 9319. *Kharbuza*. Fruit subglobose, nearly smooth, yellow ribs marked with darker yellow and netted; flesh salmon, insipid.
165516. No. 9320. *Kharbuza*. Fruit subglobose, nearly smooth, yellow ribs marked with darker yellow and netted; flesh salmon, insipid.
165517. LINUM USITATISSIMUM L. Linaceae. Flax.
No. 9321. *Alsi*.
165518. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.
No. 9322. *Mirch*. Long, hot type.
165519. SOLANUM MELONGENA L. Solanaceae. Eggplant.
No. 9323. *Bengan*. Round, purple type.
- 165520 and 165521. BRASSICA OLERACEA VAR. BOTRYTIS L. Brassicaceae. Cauliflower.
165520. No. 9324. *Phulgobi*. Late type.
165521. No. 9325. *Phulgobi*. Early type.
165522. DAUCUS CAROTA L. Apiaceae. Carrot.
No. 9326. *Gajar*.
165523. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
No. 9327. *Tarbuza*.
165524. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.
No. 9328. *Bhatwans*.
165525. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
No. 9330. *Kharbuza*. Fruit globose, red-brown, more or less netted; flesh salmon, insipid.
165526. CROTALARIA JUNCEA L. Fabaceae. Sunn-hemp.
No. 9331. From Poona, Bombay. Mar. 25.

165479 to 165609.—Continued

165527 to 165553. From Malasa, United Provinces. Apr. 1 to 3.

165527. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.

Guar.

No. 9332. *Darera*.

165528. LATHYRUS CICERA L. Fabaceae.

No. 9333. *Chateri*.

165529. PHASEOLUS AUREUS Roxb. Fabaceae.

Mung bean.

No. 9334.

165530. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9335. *Jao*.

165531 and 165532. SORGHUM VULGARE Pers. Poaceae.

165531. No. 9336. *Juar*.165532. No. 9337. *Juar*.

165533 to 165542. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

Gahun. Spring type.

165533. No. 9338.

165538. No. 9343.

165534. No. 9339.

165539. No. 9344.

165535. No. 9340.

165540. No. 9345.

165536. No. 9341.

165541. No. 9346.

165537. No. 9342.

165542. No. 9347.

165543. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

No. 9348. *Bhatwans*.

165544. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

No. 9349. *Gahun*.

165545. PHASEOLUS MUNGO L. Fabaceae.

Urd.

No. 9350.

165546 to 165550. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

Gahun. Spring type.

165546. No. 9351.

165549. No. 9354.

165547. No. 9352.

165550. No. 9355.

165548. No. 9353.

165551. TRIGONELLA FOENUM-GRÆCUM L. Fabaceae.

Fenugreek.

No. 9356. *Mehti*.

165552. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9357. *Jao*. Spring type.

165553. SOLANUM sp. Solanaceae.

No. 9358. Bushy plant 3 feet high; fruit globose, 1½ inches in diameter, yellow.

165554 to 165557. From Katgodam, United Provinces. Apr. 6 and 7.

165554. MELILOTUS ALBA Desf. Fabaceae.

White sweetclover.

No. 9360.

165555. LOLIUM TEMULENTUM L. Poaceae.

Darnel.

No. 9361. Grows about 2½ feet high.

165556. HORDEUM DISTICHON L. Poaceae.

Barley.

No. 9362. *Jao*. Two-rowed barley.

165557. HORDEUM VULGARE L.

Barley.

No. 9363. *Jao*. Spring type.

165479 to 165609.—Continued

- 165558 to 165560. From Almora, United Provinces. Apr. 9.
165558. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 9364. *Kadu*. Fruit flattened, 8 inches across, orange-red, narrowly ribbed; flesh cream, insipid.
165559. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 9365. *Jao*. Spring type.
165560. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
No. 9366. *Palak*.
- 165561 and 165562. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.
165561. No. 9367. *Kadu*. Almora, United Provinces. Apr. 9. Fruit flattened, 12 inches across, deeply ribbed, mahogany-brown.
165562. No. 9368. *Kadu*. Garmpani, United Provinces. Apr. 9. Fruit flattened, 12 inches across, deeply ribbed deep-buff.
165563. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
No. 9369. *Bhart*. Almora, United Provinces. Apr. 9.
165564. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9370. *Matar*. From Almora, United Provinces. Apr. 9.
- 165565 to 165570. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
Gahun. From Katgodam, United Provinces. Apr. 10.
165565. No. 9371. 165568. No. 9374.
165566. No. 9372. 165569. No. 9375.
165567. No. 9373. 165570. No. 9376.
165571. *SOLANUM* sp. Solanaceae.
No. 9377. Katgodam, United Provinces.
165572. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9380. Spring type. Katgodam, United Provinces.
165573. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 9381. *Jao*. Spring type. Katgodam, United Provinces.
- 165574 to 165586. From Naini Tal, United Provinces. Apr. 12 to 14.
- 165574 and 165575. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.
165574. No. 9382. *Kadu*. Fruit globose, 12 inches in diameter, unribbed, buff.
165575. No. 9383. *Kadu*. Fruit flattened, 15 inches across, heavily ribbed, pale-buff.
165576. *LINUM USITATISSIMUM* L. Linaceae. Flax.
No. 9384. *Alsi*.
165577. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9385. *Matar*.
165578. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
No. 9386. *Bhart*.
165579. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
No. 9387. *Mungpali*.
165580. *ALLIUM CEPA* L. Liliaceae. Onion.
No. 9388. *Lassan*.
165581. *DOLICHOS BIFLORUS* L. Fabaceae.
No. 9398. *Ghat*.

165479 to 165609.—Continued

165574 to 165586.—Continued

165582. *SESAME INDICUM* L. Pedaliaceae. Sesame.
No. 9390. *Til.*
165583. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
No. 9391. *Bhart.*
165584. *PHASEOLUS MUNGO* L. Fabaceae. Urd.
No. 9392. *Mash.*
165585. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae. Buckwheat.
No. 9393. *Fafar.*
165586. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 9394. *Masur.*
- 165587 and 165588. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
From Ranikhet, United Provinces.

165587. No. 9396. *Mirch.* Fruit yellow, 3 inches long, thin, tapered; flesh sweet; seeds hot.

165588. No. 9397. *Mirch.* Fruit red, 3 inches long; flesh sweet; seeds mildly hot.

165589 to 165607. From Almora, United Provinces. Apr. 15 to 16.

- 165589 to 165591. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
165589. No. 9399. *Mirch.* Fruit yellow, 3 inches long, thin, tapered, hot.
165590. No. 9400. *Mirch.* Fruit yellow, 2 inches long, thin, tapered; flesh sweet; seeds mild to sweet.
165591. No. 9401. *Mirch.* Fruit 4 inches long, red, and hot.
165592. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
No. 9402. *Mungpali.*
165593. *SESAME INDICUM* L. Pedaliaceae. Sesame.
No. 9403. *Til.*
165594. *DOLICHOS BIFLORUS* L. Fabaceae.
No. 9404. *Ghat.*
165595. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae. Sarson.
No. 9405. Oilseed.
165596. *HORDEUM DISTICHON* L. Poaceae. Barley.
No. 9406. *Jao.*
165597. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9408. *Gehun.* Winter type.
165598. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 9409. *Muli.* Root long and white.
165599. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 9410. *Masur.*
165600. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae. Green perilla.
No. 9411. *Bangira.*
165601. *AVENA SATIVA* L. Poaceae. Common oats.
No. 9412.
- 165602 to 165604. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
165602. No. 9413. *Mungpali.*
165603. No. 9414. *Mungpali.*
165604. No. 9415. *Mungpali.*

165479 to 165609.—Continued**165589 to 165607.—Continued**

165605. *HORDEUM VULGARE* L. Poaceae. **Barley.**

No. 9416. *Jao*.

165606. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

No. 9417. *Gahun*. Winter type.

165607. *HORDEUM VULGARE* L. Poaceae. **Barley.**

No. 9418. *Jao*. Winter type.

165608. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae. **Sarson.**

No. 9419. Naini Tal, United Provinces. Apr. 12.

165609. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

Gahun. Malasa, United Provinces. April.

165610. *ORYZA SATIVA* L. Poaceae. **Rice.**

From Honduras. Seeds presented by Pompilio Ortega, Director General de Agricultura, Tegucigalpa. Received June 22, 1948.

165611. *GLYPTOSTROBUS PENSILIS* (Staunton) Koch. Pinaceae.

From China. Seeds presented by Lu Shan Botanical Garden, Kuling, Kiukiang. Received June 14, 1948.

165612 to 165614.

From China. Seeds presented by Lu Shan Botanical Garden, Kuling, Kiukiang. Received June 14, 1948.

165612. *ILEX DUBIA* (Don) B. & P. Aquifoliaceae.

165613. *ILEX ROTUNDA* Thunb.

Holly.

165614. *MAGNOLIA DENUDATA* Desr. Magnoliaceae.

165615 to 165622. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

From the Netherlands. Seeds presented by the Instituut voor de Veredeling van Tuinbouwgewassen, Wageningen. Received June 23, 1948.

165615. *Dubbels Witte* (z. dr.).

165619. *Roem van Holland* (m. dr.).

165616. *Dubbels Witte* (m. dr.).

165620. *Conserva* (a. dr.).

165617. *Groninger Weekschil* (m. dr.).

165621. *Wagenaar* (a. dr.).

165618. *Perfect* (z. dr.).

165622. *Wagenaar* (m. dr.).

165623 to 165641. *SACCHARUM*. Poaceae. **Sugarcane.**

From India. Cuttings presented by Sugarcane Experiment Station, Coimbatore, Madras. Received June 23, 1948.

165623. Co. 453.

165633. *Katara Barah*.

165624. Co. 606.

165634. *Ketari*.

165625. Co. 608.

165635. *Khagzi*.

165626. Co. 645.

165636. *Mankia*.

165627. Co. 646.

165637. *Mungo*.

165628. Co. 659.

165638. *Nargori*.

165629. COS 76.

165639. *Putli Khajee*.

165630. COS 146.

165640. *Rakhra*.

165631. S. G. 63/32.

165641. *Sarvathia*.

165632. M. 2808 (Coimbatore).

165642 to 165644. CITRUS spp. Rutaceae.

From India. Collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 23, 1948.

Collected in 1948.

165642. CITRUS LIMON (L.) Burm. f.

Lemon.

No. 9395. Ranikhet, United Provinces. Apr. 14. Good lemon, frost-tolerant.

165643. CITRUS sp.

No. 9426. Almora, United Provinces. Apr. 18. Fruit ovate, pale-yellow, with good flavor.

165644. CITRUS sp.

No. 9427. Almora, United Provinces. Apr. 8. Fruit ovate, pale-yellow.

165645 and 165646. ORYZA SATIVA L. Poaceae.

Rice.

From China. Seeds presented by Fengchow Clare Ma, Operation Division, AMOMO, Szechwan Road, Shanghai. Received June 23, 1948.

165645. *Baszette*.

165646. *Nante*.

165647 to 165669.

From India. Seeds presented by the Kingdon-Ward Expedition, through the New York Botanical Garden, Bronx Park, New York, N. Y. Received June 24, 1948.

165647. ABUTILON sp. Malvaceae.

K. W. 16067. Herb with large, bright-yellow flowers.

165648. AESCHYNANTHUS GRANDIFLORUS (Don) Spreng. Gesneriaceae.

K. W. 16061. Epiphytic, hanging from trees in streamers; flowers crimson; pods 12 to 15 inches long; leaves leathery.

165649. ARDISIA sp. Myrsinaceae.

K. W. 16072. Khasi Plateau. Evergreen undershrub with vermilion berries.

165650. BEGONIA LACINIATA Roxb. Begoniaceae.

K. W. 17036.

165651. BEGONIA sp.

K. W. 17002.

165652. CALLICARPA RUBELLA Lindl. Verbenaceae.

Beautyberry.

K. W. 16062. Small shrub with purple berries.

165653. CLEMATIS sp. Ranunculaceae.

K. W. 17004. Manipur.

165654. CROTALARIA ASSAMICA Benth. Fabaceae.

K. W. 17007.

165655. DESMODIUM sp. Fabaceae.

K. W. 16071. Khasi Plateau. Shrub with long festoons of flowers

165656. DUMASIA sp. Fabaceae.

K. W. 16064. Annual twiner.

165657. ENGELHARDTIA SPICATA Leschen. Juglandaceae.

K. W. 17037.

165658. GENTIANA sp. Gentianaceae.

K. W. 16066. A twining annual with beautiful deep-blue flowers.

165647 to 165669.—Continued

- 165659.** *HEDYCHIMUM* sp. Zingiberaceae.
K. W. 16070.
- 165660.** *JASMINUM HETEROPHYLLUM* Roxb. Oleaceae.
K. W. 16068. Shrub or small evergreen tree, with yellow flowers and black berries.
- 165661.** *NOMOCHARIS* sp. Liliaceae.
K. W. 17255.
- 165662.** *PORANA RACEMOSA* Roxb. Convolvulaceae.
K. W. 17009.
- 165663.** *PYRUS* sp. Rosaceae.
K. W. 16069. Fruit about 1 inch in diameter, yellow, apple-scented.
- 165664.** *PYRUS PASHIA* Buch.-Ham.
K. W. 17021.
- 165665.** *ROSA ODORATA* var. *GIGANTEA* (Collett) Rehd. & Wils. Rosaceae.
K. W. 17015.
- 165666.** *ROSA LONGICUSPIS* Bertol.
K. W. 17024.
- 165667.** *SCHIMA WALLICHII* (DC.) Choisy. Theaceae.
K. W. 17067.
- 165668.** *TRICYTIS* sp. Liliaceae.
K. W. 16063. A bulbous perennial.
- 165669.** (Undetermined.)
K. W. 16073. Annual twiner with masses of white flowers.
- 165670.** *GOSSYPIUM.* Malvaceae. **Cotton.**
From the British West Indies. Seeds presented by F. A. Horner, Montserrat.
Received June 25, 1948.
- 165671 to 165676.** *GLYCINE MAX* (L.) Merrill. Fabaceae. **Soybean.**
From China. Seeds presented by Y. S. Tsiang, National Agricultural Research Bureau, Nanking. Received June 28, 1948.
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| 165671. <i>Great White.</i> | 165674. <i>Liuchow B.</i> |
| 165672. <i>Kiangning Late.</i> | 165675. <i>Nanking 332.</i> |
| 165673. <i>Liuchow A.</i> | 165676. <i>Perfume.</i> |
- 165677 to 165679.**
- From Korea. Seeds collected by E. M. Meader, University of New Hampshire, Durham, N. H. Received June 22, 1948.
- 165677.** *AGASTACHE* sp. Menthaceae.
Pouk Han Mountain, Seoul.
- 165678.** *AGASTACHE* sp.
King's Palace Zoo Grounds, Seoul.
- 165679.** *CHRYSANTHEMUM SIBIRICUM* Turcz. Asteraceae.
Puk Ak San (North Rah Mt.) Seoul.
- 165680.** *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
From Australia. Seeds presented by W. L. Waterhouse, University of Sydney, Sydney, New South Wales. Received June 23, 1948.
Gabo.

165681 to 165691. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Venezuela. Roots presented by the Ministerio de Agricultura y Cria, Maracay. Received June 29, 1948.

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| 165681. <i>Bejuco Verde.</i> | 165687. <i>Islena.</i> |
| 165682. <i>Criolla.</i> | 165688. <i>Peluda.</i> |
| 165683. <i>Criolla Morada.</i> | 165689. <i>Samanera.</i> |
| 165684. <i>Cubana.</i> | 165690. <i>San Mateo.</i> |
| 165685. <i>Gonzalito.</i> | 165691. <i>U. S. A.</i> |
| 165686. <i>Haciendera.</i> | |

165692 to 165702. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Afghanistan. Seeds presented by F. D. Youngs, Agricultural Engineer, Morrison-Knudson Afghanistan Inc., Kabul. Received June 29, 1948.

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| 165692. No. 1. Tall, bearded. Zarist. | |
| 165693. No. 2. Bearded. Kalach. | |
| 165694. No. 3. Tall, bearded. Girishk. | |
| 165695 to 165698. From Mazar-i-Sharif. | |
| 165695. No. 4. Fall red club. | 165697. No. 6. Club. |
| 165696. No. 5. Spring club. | 165698. No. 7. Soft. |
| 165699 to 165702. From Badakhshan. | |
| 165699. No. 8. Fall club. | 165701. No. 10. Spring club. |
| 165700. No. 9. Fall soft. | 165702. No. 11. Spring soft. |

165703 to 165714.

From Korea. Seeds presented by E. M. Meader, University of New Hampshire, Durham, N. H. Received June 25, 1948.

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| 165703 and 165704. <i>ALLIUM CEPA</i> L. Liliaceae. | Onion. |
| 165703. <i>Senshuki.</i> Originally from Japan. | |
| 165704. <i>Sensyu.</i> | |
| 165705 to 165709. <i>ALLIUM PORRUM</i> L. | Leek. |
| 165705. Long, white. | 165708. <i>Senju.</i> |
| 165706. (No data.) | 165709. <i>Sunamura.</i> |
| 165707. <i>Papu.</i> | |

165710 to 165714. SPINACIA OLERACEA L. Chenopodiaceae. Common spinach.

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| 165710. From the Suwan Experiment Station. | |
| 165711. (No data.) | 165713. <i>Chinese.</i> |
| 165712. <i>Norbel.</i> | 165714. (No data.) |

165715. CROTALARIA sp. Fabaceae.

From Peru. Seeds presented by C. O. Rocha, Lima. Received June 30, 1948.

165716. EUCALYPTUS COCCIFERA Hook f. Myrtaceae.

From France. Seeds presented by Dr. Favier, National Museum of Natural History, Cherbourg. Received June 30, 1948.

Introduced as variety *favieri*, an apparently unpublished name.

165717 to 165719.

From Kenya. Seeds presented by the Pasture Research Office, Department of Agriculture, Nairobi. Received June 30, 1948.

165717. *PENNISETUM STRAMINEUM* Peter. Poaceae.

165718. *SETARIA* sp. Poaceae.

165719. *TRIFOLIUM JOHNSTONII* Oliver. Fabaceae.

165720 to 165765.

From the Union of South Africa. Seeds presented by Joseph L. Dougherty, Agricultural Attaché, American Legation, Pretoria, Transvaal. Received June 30, 1948.

165720. *ARISTIDA CILIATA* Desf. Poaceae.

Large bushman grass.

No. 9. Between Olifantshoek and Upington, Gordonia District.

165721. *ARCTOTIS STOECHADIFOLIA* Bergius. Asteraceae.

No. 20. Gousblom, Kenhardt District.

165722. *ARISTIDA ENGLERI* Mez. Poaceae.

No. 36. Vosburg.

165723. *ARISTIDA FASTIGIATA* Hack.

No. 18. Nabees, Kenhardt District.

165724 and 165725. *ARISTIDA OBTUSA* Delile.

165724. No. 10. Gordonia.

165725. No. 34. Vosburg, Victoria West District.

165726. *ARISTIDA UNIPLUMIS* Roem. & Schult.

No. 17. Near Gordonia.

165727. *BRACHIARIA NIGROPEDATA* (Munro) Stapf. Poaceae.

No. 3. Olifantshoek, Kuruman District.

165728. *DANTHONIA GLAUCA* Ness. Poaceae.

No. 8. Kakamas Road, Gordonia District.

165729. *DIGITARIA ERIANTHA* Steud. Poaceae.

No. 43. Strydenburg, Hopetown District.

165730. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.

Bushman grass.

No. 27. Kenhardt District.

165731 to 165738. *ERAGROSTIS* spp. Poaceae.

165731. *ERAGROSTIS ANNULATA* S. Elliot.

No. 28. Kenhardt District.

165732. *ERAGROSTIS BICOLOR* Nees.

No. 42. Britstown.

165733. *ERAGROSTIS CURVULA* (Schrad.) Nees.

No. 2. Olifantshoek, Kuruman District.

165734 and 165735. *ERAGROSTIS LEHMANNIANA* Nees.

165734. No. 35. Near Vosburg, Victoria West District.

165735. No. 11. Near Upington, Gordonia District.

165736. *ERAGROSTIS PALLENS* Hack.

No. 12. Near Upington, Gordonia District.

165720 to 165765.—Continued

165731 to 165738.—Continued

165737. *ERAGROSTIS POROSA* Nees.

No. 29. Kenhardt District.

165738. *ERAGROSTIS TRUNCATA* Hack.

No. 40. Near Vosburg, Victoria West District.

165739. *ERIOCEPHALUS ERICOIDES* (L.) Druce. Asteraceae.

No. 7. Olifantshoek, Kuruman District.

165740. *ERIOCEPHALUS PUBESCENS* DC.

No. 30. Kenhardt District.

165741. *FINGERHUTHIA AFRICANA* Lehm. Poaceae.

No. 4. Modder River, Kimberley District.

165742. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

No. 5. Olifantshoek, Gordonia District.

165743 to 165748. From the Kenhardt District.

165743. *LEBECKIA* sp. Fabaceae.

No. 21.

165744. *LYCIUM AUSTRINUM* Miers. Solanaceae.

No. 33.

165745. *MONECHMA GENISTIFOLIA* (Engl.) C. B. Clarke. Acanthaceae.

No. 22.

165746. *PANICUM* sp. Poaceae.

No. 15. Kakamas Road.

165747. *PANICUM COLORATUM* L.

No. 32.

165748. *PANICUM STAFFIANUM* Fouc.

No. 41. Britstown Road.

165749 to 165752. *PENNISETUM CILIARE* (L.) Link. Poaceae.

165749. No. 4. Olifantshoek, Kuruman District.

165750. No. 16. Kakamas Road, Kenhardt District.

165751. No. 19. Near Upington, Gordonia District.

165752. No. 46. Modder River, Kimberley.

165753 to 165758. *PENTZIA* spp. Asteraceae.165753. *PENTZIA* sp.No. 13. Gordonia District. Introduced as *P. calcarea*, an apparently unpublished name.165754. *PENTZIA INCANA* (Thunb.) Knutze.

No. 24. Kenhardt District.

165755. *PENTZIA LANATA* Hutch.

No. 23. Kenhardt District.

165756. *PENTZIA* sp.No. 31. Kenhardt District. Introduced as *P. spinosa*, an apparently unpublished name.

165720 to 165765.—Continued**165753 to 165758.—Continued**165757. *PENTZIA* sp.

No. 37. Near Vosburg, Victoria West District.

165758. *PENTZIA* sp.

No. 38. Near Vosburg, Victoria West District.

165759. *ANTHOSCHMIDTIA KALAHARIENSIS* (Stent) Bremek & Oberm. Poaceae.

No. 14. Kuruman District.

165760 and 165761. *SPOROBOLUS FIMBRIATUS* Nees. Poaceae.

165760. No. 1. Griqualand West District.

165761. No. 44. Near Strydenburg, Hopetown District.

165762 and 165763. *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

165762. No. 25. Kenhardt District.

165763. No. 39. Near Vosburg, Victoria West District.

165764. *THEMEDA TRIANDRA* Forsk. Poaceae.

Rooi grass.

No. 45. Near Strydenburg, Hopetown District.

165765. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae.

Natal grass.

No. 6. Gordonia District.

165766 to 165768.

From the Union of South Africa. Seeds presented by the Division of Agricultural Education and Research, Pretoria, Transvaal. Received July 28, 1948.

165766. *CYNODON PLECTOSTACHYUM* (K. Schum.) Pilg. Poaceae. Star grass.165767. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

D. I. V. 473. *Progress* × *Apulia H 211 t 140*.165768. *DIGITARIA SWAZILANDENSIS* Stent. Poaceae.**165769 and 165770.**

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received July 26, 1948.

165769. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae.

Natal grass.

165770. *VIRGILIA DIVARICATA* Adanson. Fabaceae.*Keurboom.***165771 to 165773.**

From Guatemala. Plants presented by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Aug. 2, 1948.

From Maria Tecun.

165771. (Undetermined.)

165772. (Undetermined.)

165773. *VIOLA* sp. Violaceae.**165774 and 165775. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.****Sweetpotato.**

From China. Seeds presented by the Food and Agriculture Organization of the United Nations, Nanking. Received July 28, 1948.

165774. No. 17. Formosa.

165775. No. 35. Formosa. Open pollinated.

165776. PERSEA SCHIEDEANA Nees. Lauraceae. Coyo.

From Honduras. Seeds presented by Dr. Wilson Popenoe, Escuela Agrícola Panamericana, Tegucigalpa. Received July 6, 1948.

165777. TRIFOLIUM spp. Fabaceae. Clover.

From Afghanistan. Seeds presented by the Department of Agriculture, Kabul. Received June 29, 1948.

A mixture composed chiefly of *Trifolium resupinatum* L.

165778 to 165797.

From the Belgian Congo. Seeds presented by Dr. J. Leonard, INEAC, Yangambi, Eastern Province. Received June 29, 1948.

165778. *AXONOPUS COMPRESSUS* (Swartz) Beauv. Poaceae.

165779. *ECHINOCHLOA CRUS-PAVONIS* (H. B. K.) Schult. Poaceae.

165780. *ELEUSINE INDICA* Gaertn. Poaceae. Goose grass.

165781. *ERAGROSTIS CILIARIS* R. Br. Poaceae.

165782. *ERAGROSTIS FLAMIGNII* De Wild.

165783. *ERAGROSTIS* sp.

165784. *HYPARRHENIA DIPLANDRA* (Hack.) Stapf. Poaceae.

165785. *PANICUM MAXIMUM* Jacq. Poaceae.

165786. *PANICUM REPENS* L.

165787. *PASPALUM CONJUGATUM* Berg. Poaceae.

165788. *PASPALUM SCROBICULATUM* var. *POLYSTACHYUM* (R. Br.) Stapf.

165789. *PENNISETUM NODIFLORUM* Franch. Poaceae.

165790. *PENNISETUM POLYSTACHION* (L.) Schult.

165791. *PENNISETUM PURPUREUM* Schum. Napier grass.

165792. *PUELIA CILIATA* Franch. Poaceae.

165793. *ROTTBOELLIA EXALTATA* L. f. Poaceae.

165794. *SACCIOLEPIS INTERRUPTA* (Willd.) Stapf. Poaceae.

165795. *SETARIA MEGAPHYLLA* (Steud.) Dur. & Schinz. Poaceae.

165796. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb.

165797. *SPOROBOLUS PYRAMIDALIS* Beauv. Poaceae.

165798. ERAGROSTIS OBTUSA Munro. Poaceae.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received July 7, 1948.

From the Kaap Plateau, Griqualand West District.

165799. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.

From Korea. Seeds presented by an unknown donor, Cheju Island. Received July 7, 1948.

165800 and 165801. HAEMANTHUS spp. Amaryllidaceae.

From Kenya. Bulbs presented by Louis Clark Williams, Mombasa. Received July 7, 1948.

165800. *HAEMANTHUS* sp.

165801. *HAEMANTHUS* sp.

165802 to 165844. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Germany. Scions presented by Capt. E. D. Yoakum, USAF, Office of the Military Government for Hesse, Wiesbaden. Received Mar. 30, 1948.

Scions from plants grown and numbered by Dr. K. J. Maurer, Institut für Obstbau, Geisenheim am Rhein. Numbered July 8, 1948.

165802. B VIII—33.18.	165824. B VIII—34.20.
165803. B VIII—33.14.	165825. B VIII—34.22.
165804. B VIII—33.19.	165826. B VIII—34.23.
165805. B VIII—33.20.	165827. B VIII—34.24.
165806. B VIII—33.21.	165828. B VIII—34.30.
165807. B VIII—33.23.	165829. B VIII—35.1.
165808. B VIII—33.24.	165830. B VIII—35.2.
165809. B VIII—33.25.	165831. WV—44/179.
165810. B VIII—33.28.	165832. WV—44/180.
165811. B VIII—33.29.	165833. WV—44/181.
165812. B VIII—33.30.	165834. WV—44/182.
165813. B VIII—33.31.	165835. WV—44/189.
165814. B VIII—34.2.	165836. WV—44/190.
165815. B VIII—34.5.	165837. WV—44/196.
165816. B VIII—34.8.	165838. WV—44/198.
165817. B VIII—34.10.	165839. WV—44/199.
165818. B VIII—34.12.	165840. WV—44/200.
165819. B VIII—34.13.	165841. WV—44/203.
165820. B VIII—34.15.	165842. WV—44/204.
165821. B VIII—34.17.	165843. WV—44/205.
165822. B VIII—34.18.	165844. WV—44/206.
165823. B VIII—34.19.	

165845. PASPALUM NOTATUM Fluegge. Poaceae. Bahia grass.

From Brazil. Seeds presented by O. R. Causey, Passos, Minas Gerais. Received July 9, 1948.

165846. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Iraq. Seeds presented by Rev. G. J. Pennings, Amarah. Received July 12, 1948.

165847. IPOMOEA REPTANS (L.) Poir. Convolvulaceae.**Morning-glory.**

From the Philippine Islands. Seeds presented by the Director of Plant Industry, Manila. Received July 12, 1948.

165848 to 165850.

From India. Seeds presented by the New York Botanical Garden, Bronx Park, New York, N. Y. Received July 14, 1948.

From Manipur. Collected by the Kingdon-Ward Expedition.

165848. GAULTHERIA NUMMULARIOIDES D. Don. Ericaceae.

No. 17391.

165849. LUCULIA PINCEANA Hook. Rubiaceae.

No. 17435.

165850. SORBUS sp. Rosaceae.

No. 17219.

165851 to 165853. SACCHARUM. Poaceae. Sugarcane.

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Río Piedras. Received July 15, 1948.

165851. P. R. 902.

165852. P. R. 905.

165853. M. 336.

165854 and 165855.

From China. Seeds presented by Dr. Norman M. Ward, Food and Agriculture Organization of the United Nations, Nanking. Received July 12, 1948.

165854. METASEQUOIA GLYPTOSTROBOIDES Hu & Chang. Pinaceae.

165855. PRUNUS ARMENIACA L. Rosaceae. Apricot.

165856 to 165858. PAPAVER SOMNIFERUM L. Papaveraceae. Opium poppy.

From Australia. Seeds presented by K. Loftus Hills, Division of Plant Industry, Canberra. Received July 12, 1948.

165856. No. 1900.

165857. No. 1969.

165858. No. 2002.

165859 and 165860. PRUNUS ARMENIACA L. Rosaceae. Apricot.

From China. Seeds presented by San Yuan Hsien, Sian, Shensi Province. Received July 23, 1948.

165859. *Tien Hsing*.

165860. *Tsao Hsing*.

165861 to 165875.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received July 14, 1948.

165861. EHRHARTA sp. Poaceae. Veldtgrass.

165862 to 165873. EUCALYPTUS spp. Myrtaceae.

165862. EUCALYPTUS BANKSII Maiden.

No. 739/40/0.

165863. EUCALYPTUS BICOSTATA Maiden.

No. 739/50/2.

165864. EUCALYPTUS DALRYMPLEANA Maiden.

No. 739/132/4.

165865. EUCALYPTUS DIVES Schauer.

No. N. 244.

165866. EUCALYPTUS ELAEOPHORA F. Muell.

No. 739/162/3.

165867. EUCALYPTUS GIGANTEA Hook. f.

No. 739/186/3.

165868. EUCALYPTUS PAUCIFLORA Sieber.

No. 35.

White gum.

165869. EUCALYPTUS PULVERULENTA Sims.

No. 739/381/1.

165870. EUCALYPTUS STELLULATA DC.

No. 739/444/4.

165861 to 165875.—Continued

165862 to 165873.—Continued

165871. *EUCALYPTUS STUARTIANA* F. Muell. Apple gum.

No. 739/67/3.

165872. *EUCALYPTUS VIMINALIS* Labill. Manna gum.

No. 739/490/4.

165873. *EUCALYPTUS VIRGATA* Sieber. Cabbage gum.

No. N. 29.

165874. *PHALARIS TUBEROSA* L. Poaceae.

G B 81 Strain.

165875. *STYLOSANTHES SUNDAICA* Taub. Fabaceae.*Townsville Lucerne.*165876. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.

From China. Seeds presented by N. M. Ward, Food and Agriculture Organization of the United Nations, Nanking. Received July 28, 1948.

Fruit the size of a peach, with firm, yellow, sweet flesh, and a large stone.

165877 to 166192.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 26, 1948.

Collected in 1948.

165877 to 165884. *HORDEUM VULGARE* L. Poaceae. Barley.

From Wan, Garhwal. May 21. Winter type.

165877. No. 9339-A. *Jisala Oowa*. 165881. No. 9343-A. *Kala Jao*.165878. No. 9340-A. *Oowa*. 165882. No. 9344-A. *Pingalteli*.165879. No. 9341-A. *Oowa*. 165883. No. 9345-A. *Babari*.165880. No. 9342-A. *Kala Jao*. 165884. No. 9346-A. *Babari*.165885. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.No. 9349-A. *Gaon*. Loharjang, Garhwal. May 22.165886 to 165891. *HORDEUM VULGARE* L. Poaceae. Barley.165886. No. 9428. *Jao*. Almora, United Provinces. Apr. 20.165887. No. 9429. *Jao*. North of Almora, United Provinces. Apr. 20.

165888. No. 9430. North of Almora, United Provinces. Apr. 20.

165889. No. 9338-A. Wan, Garhwal. May 21.

165890. No. 9431. *Jao*. Takola, United Provinces. Apr. 2.165891. No. 9432. *Jao*. Takola, United Provinces. Apr. 20.

165892 to 165962. From the United Provinces.

165892. *TAGETES* sp. Asteraceae. Marigold.

No. 9433. Takola. Apr. 20.

165893 to 165903. From Bageswar. Apr. 21.

165893. *SOLANUM* sp. Solanaceae.

No. 9434. Shrubby, fruit orange-red.

165894. *STIPA* sp. Poaceae.

No. 9435.

165895. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.No. 9436. *Frasbin*.

165877 to 166192.—Continued

165892 to 165962.—Continued

165893 to 165903.—Continued

165896. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.
No. 9437. *Bhart*.
165897. PISUM SATIVUM L. Fabaceae. Pea.
No. 9438. *Matar*.
165898. HORDEUM VULGARE L. Poaceae. Barley.
No. 9439. *Jao*. Spring type.
165899. SESAMUM INDICUM L. Pedaliaceae. Sesame.
No. 9440. *Til*. Oilseed.
165900. TRIGONELLA FOENUM-GRÆCUM L. Fabaceae. Fenugreek.
No. 9441. *Mehti*. Three feet high.
165901. DOLICHOS BIFLORUS L. Fabaceae.
No. 9442. *Ghat*.
165902. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 9443. *Gahun*. Spring type.
165903. LOLIUM TEMULENTUM L. Poaceae. Darnel.
No. 9444.
165904. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 9445. *Gahun*. Kapkat. Apr. 22. Spring type.
165905. HOREDEM VULGARE L. Poaceae. Barley.
No. 9446. *Jao*. Kapkat. Apr. 22. Spring type.
165906. RUBUS sp. Rosaceae.
No. 9447. Above Kapkat. Apr. 23. Bush 10 feet high; fruit yellow.
- 165907 to 165913. From near Loharkhet. Apr. 23.
- 165907 to 165910. HORDEUM VULGARE L. Poaceae. Barley.
165907. No. 9448. *Rehn*. White variety.
165908. No. 9449. *Rehn Jao*. Spring type.
165909. No. 9450. Spring type.
165910. No. 9451. *Jao*. Spring type.
165911. AVENA sp. Poaceae. Oats.
No. 9452.
- 165912 and 165913. TRITICUM AESTIVUM L. Poaceae. Common wheat.
165912. No. 9453. Winter type.
165913. No. 9454. Spring type.
- 165914 to 165922. From Chausa. Apr. 24.
165914. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.
No. 9455. *Bhart*.
165915. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
No. 9456. *Shimi*.
165916. MOMORDICA CHARANTIA L. Cucurbitaceae. Balsam-pear.
No. 9457. *Karela*.
165917. SESAMUM INDICUM L. Pedaliaceae. Sesame.
No. 9458. *Til*. Oilseed.

165877 to 166192.—Continued

165892 to 165962.—Continued

165914 to 165922.—Continued

165918. STIZOLOBIUM sp. Fabaceae.

No. 9459.

165919. RAPHANUS SATIVUS L. Brassicaceae.

Radish.

No. 9460. *Mula*. Root long and white.

165920. PHASEOLUS MUNGO L. Fabaceae.

Urd.

No. 9461. *Mash*.

165921. CUCUMIS SATIVUS L. Cucurbitaceae.

Cucumber.

No. 9462. *Kakri*.

165922. CUCURBITA PEPO L. Cucurbitaceae.

Pumpkin.

No. 9463. *Kadu*.

165923 to 165940. From Karmi. Apr. 25.

165923. VIGNA SINENSIS (Torner) Savi. Fabaceae.

Cowpea.

No. 9464. *Grons*.

165924. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9465. *Kala Jao*. Winter type.

165925. FAGOPYRUM TATARICUM (L.) Gaertn. Polygonaceae.

Kangra buckwheat.

No. 9466. *Papar*. Museum sample.

165926. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

No. 9468. *Bhart*.

165927. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

No. 9469. *Gahun*. Winter type.

165928. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

No. 9471. *Bhart*.

165929. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

No. 7471. *Bhart*.

165930. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

No. 9472. *Gahun*. Winter type.

165931. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9473. *Jaon*. Winter type.

165932. HORDEUM VULGARE L.

Barley.

No. 9474. *Oowa*.

165933. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

No. 9475. *Shimi*.

165934. PHASEOLUS MUNGO L.

Urd.

No. 9476. *Mash*.

165935. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9477. *Jaon*.

165936. AVENA SATIVA L. Poaceae.

Common oats.

No. 9478. *Jhant*.

165937. HORDEUM VULGARE L. Poaceae.

Barley.

No. 9479. *Jaon*. Heads thin, 4½ inches by 6 inches, awns white.

165877 to 166192.—Continued

165892 to 165962.—Continued

165923 to 165940.—Continued

165938. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.

No. 9480. *Kadu*.

165939. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

No. 9481. *Khira*.

165940. BENINCASA HISPIDA (Thunb.) Cogn. Cucurbitaceae. Waxgourd.

No. 9482. *Shahpasand*.

165941 to 165944. From Chausa. Apr. 25

165941. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

No. 9483. *Gurairs*.

165942. DOLICHOS BIFLORUS L. Fabaceae.

No. 9484. *Ghat*.

165943. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

No. 9485. *Bhart*.

165944. PERILLA FRUTESCENS (L.) Britton. Menthaceae. Green perilla.

No. 9486. *Bhangara*. Oilseed.

165945 to 165949. From Kolpatta. Apr. 25.

165945 and 165946. TRITICUM AESTIVUM L. Poaceae. Common wheat.

165945. No. 9487. *Gehun*.

165946. No. 9488. Winter type.

165947. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

No. 9489. *Bhart*. Food crop.

165948. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

No. 9490. *Shimi*.

165949. PISUM SATIVUM L. Fabaceae. Pea.

No. 9491. *Matar*.

165950 and 165951. From Mikla. Apr. 25.

165950. MOMORDICA CHARANTIA L. Cucurbitaceae. Balsam-pear.

No. 9493. *Karela*.

165951. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.

No. 9494. *Kadu*.

165952 and 165953. HORDEUM VULGARE L. Poaceae. Barley.

165952. No. 9495. *Jaon*. Kolpatta. Apr. 25.165953. No. 9496. *Oowa*. Mikla. Winter type. Apr. 25.

165954. FAGOPYRUM TATARICUM (L.) Gaertn. Polygonaceae. Kangra buckwheat.

No. 9497. *Papar*. Mikla. Apr. 25.

165955 and 165956. HORDEUM VULGARE L. Poaceae. Barley.

165955. No. 9498. *Jaon*. Supi. Apr. 25.165956. No. 9499. *Oowa*. Supi. Apr. 25.

165957. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

No. 9500. *Bhart*. Loharkhet. Apr. 25.

165877 to 166192.—Continued

165892 to 165962.—Continued

- 165958 and 165959. *HORDEUM VULGARE* L. Poaceae. Barley.
 165958. No. 9501. *Rehn*. Supi. Apr. 25. Short-awned race.
 165959. No. 9502. Supi. Apr. 25.
 165960. *AVENA SATIVA* L. Poaceae. Common oats.
 No. 9503. *Mikla*. Apr. 25.
 165961. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
 No. 9504. *Khira*. Kolpatta. Apr. 25.
 165962. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight. Fabaceae. Adzuki bean.
 No. 9505. *Rainsh*. Kolpatta. Apr. 25.
 165963 to 165971. From Kyelang, Lahul, eastern Punjab. Apr. 25.
 165963. *SECALE CEREALE* L. Poaceae. Rye.
 No. 9506. *Drongieng*.
 165964. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9507. *Dro*. Spring sown.
 165965. *PISUM SATIVUM* L. Fabaceae. Pea.
 No. 9508. *Shrat*.
 165966. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9509. *Patansm Sermo*. Beardless.
 165967. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9510. *Dro*.
 165968 and 165969. *HORDEUM VULGARE* L. Poaceae. Barley.
 165968. No. 9511. *Sermo*.
 165969. No. 9512. *Salzot*.
 165970 and 165971. *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae. Kangra buckwheat.
 165970. No. 9513. *Brau*.
 165971. No. 9514. *Bostar*.
 165972 to 165980. *HORDEUM VULGARE* L. Poaceae. Barley.
 165972. No. 9515. *Jaon*. Mikla, United Provinces. Apr. 25.
 165973. No. 9516. *Oowa*. Chausa, United Provinces. Apr. 25. Beardless.
 165974. No. 9517. *Oowa*. A purplish tinted race. Apr. 25.
 165975. No. 9518. *Oowa*. Loharkhet, United Provinces. Apr. 25.
 165976 to 165979. From Chausa, United Provinces. Apr. 25.
 165976. No. 9519. *Oowa*. 165978. No. 9521. *Rehn*.
 165977. No. 9520. *Jushal*. 165979. No. 9522. *Oowa*.
 Winter type.
 165980. No. 9523. *Tanzot*. Kyelang, Lahul, eastern Punjab. Apr. 25.
 165981. *ORYZA SATIVA* L. Poaceae. Rice.
 No. 9524. *Dhan*. Loharkhet, United Provinces. Apr. 25.
 165982. *ZEA MAYS* L. Poaceae. Corn.
 No. 9525. *Maka*. Loharkhet, United Provinces. Apr. 25.

165877 to 166192.—Continued

165983 to 165986. From Juni, United Provinces. Apr. 25.

165983 to 165985. *HORDEUM VULGARE* L. Poaceae.

Barley.

165983. No. 9527. *Oowa*. Winter type.165984. No. 9528. *Jaon*. Winter type.165985. No. 9529. *Oowa*. Winter type.165986. *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae.

Kangra buckwheat.

No. 9530. *Papar*.

165987 to 166060. From the United Provinces.

165987 to 165994. From Kaljuni. Apr. 25.

165987. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9531. *Jaon*. Winter type.165988. *AVENA SATIVA* L. Poaceae.

Common oats.

No. 9532. *Jant*.165989. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

No. 9533. *Bhart*.165990. *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae.

Kangra buckwheat.

No. 9534. *Papar*.165991. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9535. *Oowa*.165992. *CUCURBITA PEPO* L. Cucurbitaceae.

Pumpkin.

No. 9536. *Kadu*.165993. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9537. *Parja*. Winter type.165994. *SPINACIA OLERACEA* L. Chenopodiaceae.

Common spinach.

No. 9538. *Palak*.165995. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 9539. *Kadu*. Loharkhet. Apr. 25. Fruit subglobose, 10 inches in diameter, buff.

165996 to 165999. From Kaljuni. Apr. 25.

165996. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 9540. *Khira*.165997. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

No. 9541. *Mula*.165998. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

Catjang.

No. 9542. *Guransh*.165999. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 9543. *Shimi*.166000. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9544. *Jao*. Khati. Apr. 29. Winter type.166001. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9546. *Gehun*. Khati. Winter type.166002 and 166003. *HORDEUM VULGARE* L. Poaceae.

Barley.

166002. No. 9547. *Jao*. From Surag. Apr. 29.

166003. No. 9548. From Surag. Winter type.

165877 to 166192.—Continued

165987 to 166060.—Continued

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|---|---|---------------|-------------------|
| 166004 to 166017. | TRITICUM AESTIVUM L. | Poaceae. | Common wheat. |
| 166004. | No. 9549. | 166011. | No. 9556. |
| 166005. | No. 9550. | 166012. | No. 9557. |
| 166006. | No. 9551. | 166013. | No. 9558. |
| 166007. | No. 9552. | 166014. | No. 9559. |
| 166008. | No. 9553. | 166015. | No. 9560. |
| 166009. | No. 9554. | 166016. | No. 9561. |
| 166010. | No. 9555. | 166017. | No. 9562. |
| 166018. | PHASEOLUS VULGARIS L. | Fabaceae. | Common bean. |
| No. 9563. <i>Shimi</i> . Surag. Apr. 30. | | | |
| 166019 to 166023. | TRITICUM AESTIVUM L. | Poaceae. | Common wheat. |
| <i>Gehun</i> . Spring type. Between Bageswar and Kapkat. Apr. 21 to 23. | | | |
| 166019. | No. 9564. | 166022. | No. 9567. |
| 166020. | No. 9565. | 166023. | No. 9568. |
| 166021. | No. 9566. | | |
| 166024 to 166030. | From Surag. May 2. | | |
| 166024 and 166025. | HORDEUM VULGARE L. | Poaceae. | Barley. |
| 166024. No. 9569. <i>Oowa</i> . Winter type. | | | |
| 166025. No. 9570. <i>Jaon</i> . Winter type. | | | |
| 166026. | AVENA SATIVA L. | Poaceae. | Common oats. |
| No. 9571. | | | |
| 166027. | TRITICUM AESTIVUM L. | Poaceae. | Common wheat. |
| No. 9572. <i>Gehun</i> . Winter type. | | | |
| 166028. | GLYCINE MAX (L.) Merrill. | Fabaceae. | Soybean. |
| No. 9573. <i>Bhart</i> . | | | |
| 166029. | HORDEUM VULGARE L. | Poaceae. | Barley. |
| No. 9574. <i>Oowa</i> . Winter type. | | | |
| 166030. | PHASEOLUS ANGULARIS (Willd.) W. F. Wight. | Fabaceae. | Adsuki bean. |
| No. 9575. <i>Gurash</i> . | | | |
| 166031 to 166037. | From Tik. May 1. | | |
| 166031. | PHASEOLUS VULGARIS L. | Fabaceae. | Common bean. |
| No. 9576. <i>Shimi</i> . | | | |
| 166032. | GLYCINE MAX (L.) Merrill. | Fabaceae. | Soybean. |
| No. 9577. <i>Bhart</i> . | | | |
| 166033 and 166034. | HORDEUM VULGARE L. | Poaceae. | Barley. |
| 166033. No. 9578. <i>Jaon</i> . Winter type. | | | |
| 166034. No. 9579. <i>Rehn</i> . Winter type. | | | |
| 166035. | FAGOPYRUM TATARICUM (L.) Gaertn. | Polygonaceae. | Kangra buckwheat. |
| No. 9580. <i>Fafar</i> . | | | |
| 166036. | TRITICUM AESTIVUM L. | Poaceae. | Common wheat. |
| No. 9581. <i>Gehun</i> . Winter type. | | | |
| 166037. | HORDEUM VULGARE L. | Poaceae. | Barley. |
| No. 9582. <i>Oowa</i> . Winter type. | | | |

165877 to 166192.—Continued

165987 to 166060.—Continued

- 166038 to 166045. From Surag. May 2.
166038. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9583. *Shimi*.
- 166039 and 166040. *HORDEUM VULGARE* L. Poaceae. Barley.
166039. No. 9584. *Oowa*. Winter type.
166040. No. 9585. *Jaon*. Winter type.
166041. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae. Green perilla.
No. 9586. *Bhangara*. Oilseed.
166042. *ZEA MAYS* L. Poaceae. Corn.
No. 9587. *Maka*.
166043. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 9588. Winter type.
166044. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
No. 9589. *Palak*.
166045. *AMARANTHUS CAUDATUS* L. Amaranthaceae. Amaranth.
No. 9590. *Chua*.
166046. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 9591. *Kadu*. Tik. May 1.
166047. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 9592. *Khira*. Tik.
- 166048 to 166051. From Surag. May 2.
166048. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
No. 9593. *Bhart*.
166049. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 9594. *Khira*.
166050. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 9595.
166051. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 9596. *Matar*.
- 166052 to 166060. *HORDEUM VULGARE* L. Poaceae. Barley.
- 166052 and 166053. From Barakani. May 4.
166052. No. 9597. *Oowa*. Winter type.
166053. No. 9598. *Jao*. Winter type.
- 166054 to 166058. From Surag. Apr. 30 and May 1. Winter type.
166054. No. 9599. *Jaon*. 166057. No. 9602.
166055. No. 9600. *Oowa*. 166058. No. 9603. *Rehn*.
166056. No. 9601. *Oowa*.
- 166059 and 166060. From Bodar. May 7.
166059. No. 9604. *Babari*.
166060. No. 9605. *Bodar*.
166061. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 9606. *Gehun*. Balan, Garhwal. May 8. Winter type.
166062. *PRINSEPIA UTILIS* Royle. Rosaceae.
No. 9607. *Bekal*. Barakani, Kumaon. May 2.

165877 to 166192.—Continued

- 166063 to 166065. From Balan, Garhwal. May 8.
 166063. *BRASSICA* sp. Brassicaceae.
 No. 9608. *Garia*. Oilseed.
 166064. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
 No. 9609. *Shimi*.
 166065. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9610. *Gehun*. Winter type.
 166066. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
 No. 9611. *Shimi*. Barakani, Kumaon. May 2.
 166067. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9612. *Oowa*. Barakani, Kumaon. Winter type.
 166068 to 166124. From Garhwal District.
 166068. *RHEUM* sp. Chenopodiaceae. Rhubarb.
 No. 9613-A. Baratoli. May 11.
 166069 and 166070. *FRAGARIA VESCA* L. Rosaceae. Alpine strawberry.
 166069. No. 9613. Wan. May 12.
 166070. No. 9614. Wan. May 13. Flowers yellow; fruit red, insipid.
 166071 to 166080. *HORDEUM VULGARE* L. Poaceae. Barley.
 From Balan. May 8. Winter type.
 166071. No. 9615. *Ramnia*. 166077. No. 9621.
 166072. No. 9616. *Babari*. 166078. No. 9622. *Lendowa*
Oowa.
 166073. No. 9617. *Babari*. 166079. No. 9623.
 166074. No. 9618. *Kalo Jao*. 166080. No. 9624.
 166075. No. 9619. *Pingalteli*.
 166076. No. 9620. *Oowa*.
 166081. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9626. *Gehun*. Shotol. May 16. Winter type.
 166082. *PISUM SATIVUM* L. Fabaceae. Pea.
 No. 9627. *Matar*. Shotol. May 16.
 166083. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9628. *Gehun*. Kanal. May 19. Winter type.
 166084 and 166085. From Wan. May 20.
 166084. *PISUM SATIVUM* L. Fabaceae. Pea.
 No. 9629. *Matar*.
 166085. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9630. Winter type.
 166086. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9631. *Gehun*. Shotol. May 17. Winter type.
 166087 to 166091. From Wan. May 20.
 166087. *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae. Kangra buckwheat.
 No. 9632. *Fafar*.
 166088. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9633. *Oowa*.

165877 to 166192.—Continued

166068 to 166124.—Continued

- 166089 and 166090. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 166089. No. 9634. *Gehun*. Winter type.
 166090. No. 9635. Winter type.
 166091. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9636. Winter type.
 166092 to 166104. *HORDEUM VULGARE* L. Barley.
 From Shotol. May 16. Winter type.
 166092. No. 9637. *Oowa*. Head white. 166099. No. 9644.
 166093. No. 9638. *Oowa*. 166100. No. 9645.
 166094. No. 9639. *Oowa*. 166101. No. 9646.
 166095. No. 9640. *Jisala*. 166102. No. 9647.
 166096. No. 9641. 166103. No. 9648. *Kala Jao*.
 Dark grain.
 166097. No. 9642. *Pingalteli*. 166104. No. 9649.
 166098. No. 9643.
 166105 to 166108. From Wan. May 21.
 166105. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
 No. 9650. *Bhart*.
 166106. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
 No. 9651. *Shimi*.
 166107. *AMARANTHUS CAUDATUS* L. Amaranthaceae. Amaranth.
 No. 9652. *Mali Chua*.
 166108. *AVENA SATIVA* L. Poaceae. Common oats.
 No. 9653. Winter type.
 166109. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 No. 9654. *Gehun*. Loharjang. May 22. Winter type.
 166110 to 166115. From Duani. May 23.
 166110. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9656. *Jao*. Winter type.
 166111. *COTINUS* sp. Anacardiaceae. Smoketree.
 No. 9657. An attractive bush up to 8 feet high, with pinkish flower clusters.
 166112. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9658. *Jao*. Winter type.
 166113 and 166114. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 166113. No. 9659. *Gaon*. Winter type.
 166114. No. 9660. *Gaon*. Winter type.
 166115. *HORDEUM VULGARE* L. Poaceae. Barley.
 No. 9661. *Oowa*. Winter type.
 166116 to 166124. From Gualdum. May 24.
 166116. *HORDEUM VULGARE* L. Barley.
 No. 9662. *Jao*. Winter type.
 166117. *PISUM SATIVUM* L. Fabaceae. Pea.
 No. 9663. *Matar*.

165877 to 166192.—Continued

166068 to 166124.—Continued

166116 to 166124.—Continued

166118. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 9664. *Jao*. Winter type.166119. *MYRICA* sp. Myricaceae.No. 9665. *Chapal*. Handsome broad-leaved evergreen tree; fruits acid, crimson.166120 and 166121. *HORDEUM VULGARE* L. Poaceae.

Barley.

166120. No. 9666. *Jao*. Winter type.166121. No. 9667. *Jao*. Winter type.166122 to 166124. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

166122. No. 9668. *Gaon*. Winter type.166123. No. 9669. *Gaon*. Winter type.166124. No. 9670. *Gaon*. Garus. May 25. Spring type.

166125 to 166136. From Monghyr, Bihar. May 26.

166125. *CUCUMIS* sp. Cucurbitaceae.No. 9671. *Pehta*.166126 and 166127. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

166126. No. 9672. *Gehun*. Spring type.166127. No. 9673. *Gehun*. Spring type.166128. *AVENA SATIVA* L. Poaceae.

Common oats.

No. 9674. *Jai*. Spring type.166129. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 9675. *Matar*.166130. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 9676. *Gehun*. Spring type.166131 and 166132. *HORDEUM VULGARE* L. Poaceae.

Barley.

166131. No. 9677. *Jao*. Spring type.166132. No. 9678. *Jao*. Spring type.166133 to 166136. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

Gehun. Spring type.

166133. No. 9679.

166135. No. 9681.

166134. No. 9680.

166136. No. 9682.

166137 to 166165. From Khatmandu, Nepal. May 26 and 27.

166137 to 166139. *PHASEOLUS* spp. Fabaceae.166137. *PHASEOLUS CALCARATUS* Roxb.

Rice bean.

No. 9683.

166138. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight.

Adsuki bean.

No. 9684.

166139. *PHASEOLUS AUREUS* Roxb.

Mung bean.

No. 9685.

166140 and 166141. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

166140. No. 9686.

166141. No. 9687.

165877 to 166192.—Continued

166137 to 166165.—Continued

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| 16142. <i>PISUM SATIVUM</i> L. Fabaceae. | Pea. |
| No. 9688. | |
| 166143 to 166145. <i>PHASEOLUS</i> spp. Fabaceae. | |
| 166143. <i>PHASEOLUS MUNGO</i> L. | Urd. |
| No. 9689. | |
| 166144 and 166145. <i>PHASEOLUS VULGARIS</i> L. | Common bean. |
| 166144. No. 9690. | |
| 166145. No. 9691. | |
| 166146. <i>VIGNA SINENSIS</i> (Torner) Savi. Fabaceae. | Cowpea. |
| No. 9692. | |
| 166147. <i>GLYCINE MAX</i> (L.) Merrill. Fabaceae. | Soybean. |
| No. 9693. | |
| 166148. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| No. 9694. | |
| 166149. <i>DOLICHOS BIFLORUS</i> L. Fabaceae. | |
| No. 9695. | |
| 166150 to 166154. <i>PHASEOLUS</i> spp. Fabaceae. | |
| 166150. <i>PHASEOLUS MUNGO</i> L. | Urd. |
| No. 9696. | |
| 166151 to 166154. <i>PHASEOLUS VULGARIS</i> L. | Common bean. |
| 166151. No. 9697. | 166153. No. 9699. |
| 166152. No. 9698. | 166154. No. 9700. |
| 166155. <i>DOLICHOS LABLAB</i> L. Fabaceae. | Hyacinth-bean. |
| No. 9701. | |
| 166156 to 166158. <i>PHASEOLUS VULGARIS</i> L. Fabaceae. | Common bean. |
| 166156. No. 9702. | |
| 166157. No. 9703. | |
| 166158. No. 9704. | |
| 166159. <i>PISUM SATIVUM</i> L. Fabaceae. | Pea. |
| No. 9705. | |
| 166160 to 166164. <i>ZEA MAYS</i> L. Poaceae. | Corn. |
| 166160. No. 9706. | 166163. No. 9709. |
| 166161. No. 9707. | 166164. No. 9710. |
| 166162. No. 9708. | |
| 166165. <i>ASPARAGUS</i> sp. Liliaceae. | Asparagus. |
| No. 9711. June 29, 1947. | |
| 166166 to 166184. Presented by R. B. Ekbote, wheat specialist, Jubbulpore, Central Provinces. May 27. | |
| 166166 to 166169. <i>HORDEUM DISTICHON</i> L. Poaceae. | Barley. |
| 166166. No. 9712. NP 13. | 166168. No. 9714. NP 24. |
| Spring type. | 166169. No. 9715. NP 21. |
| 166167. No. 9713. NP 4. | |

165877 to 166192.—Continued

166166 to 166184.—Continued

166170 and 166171. *AVENA SATIVA* L. Poaceae. Common oats.166170. No. 9716. *NP 2*.166171. No. 9717. *NP 1*.166172 to 166184. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

166172. No. 9718.

166179. No. 9725.

166173. No. 9719.

166180. No. 9726.

166174. No. 9720.

166181. No. 9727.

166175. No. 9721.

166182. No. 9728.

166176. No. 9722.

166183. No. 9729.

166177. No. 9723.

166184. No. 9730.

166178. No. 9724.

166185 to 166189. Presented by Sazi Ram, Loth, Lahul, eastern Punjab.

166185 and 166186. *HORDEUM VULGARE* L. Poaceae. Barley.166185. No. 9731. *Patani Zatt*. Originally from Chamba.166186. No. 9732. *Sermo*.166187 and 166188. *PISUM SATIVUM* L. Fabaceae. Pea.166187. No. 9733. *Shratma*.166188. No. 9734. *Shratma*.166189. *HORDEUM VULGARE* L. Poaceae. Barley.No. 9735. *Tangzot*.166190. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.No. 9736. *Kharbuza*. Almora, United Provinces. May 21. Fruit subglobose, netted, yellow splashed with orange; flesh white, 1¼ inches thick.166191. *HORDEUM VULGARE* L. Poaceae. Barley.No. 9737. *Oowa*. Wan, Garhwal. May 21. Winter type.166192. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.No. 9526. *Gahun*. Juni, United Provinces. Winter type. May 21.

166193 to 166197.

From the Union of South Africa. Seeds presented by J. L. Dougherty, American Legation, Pretoria, Transvaal. Received July 26, 1948.

166193 to 166197. Veld Reserve, Worcester, Cape Province.

166193. *ANTHOSPERMUM* sp. Rubiaceae.166194. *ATRIPLEX SEMIBACCATA* R. Br. Chenopodiaceae. Creeping saltbush.166195. *GALENIA PALLENS* Walp. Aizoaceae.166196. *OSTEOSPERMUM MURICATUM* E. Mey. Asteraceae.*Aliwal; Skaapbossie*.166197. *TRIPTERIS SINUATA* DC. Asteraceae.*Geelgousblom*.

166198 to 166215.

From Africa. Seeds presented by Dr. J. T. Baldwin, Jr., United States Economic Mission, American Legation, Monrovia, Liberia. Received July 30, 1948.

166198. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
Market, Zaria, Nigeria.

166198 to 166215.—Continued

166199. *Gossypium*. Malvaceae. Cotton.
Accra, Gold Coast.
- 166200 and 166201. *Oryza sativa* L. Poaceae. Rice.
166200. Bida, Nigeria.
166201. G. 79. Nigeria.
- 166202 to 166214. *Sorghum* spp. Poaceae.
166202. *Sorghum* sp.
Ibadan, Nigeria.
166203 to 166211. *Sorghum vulgare* Pers.
166203. Market, Bukuru, Plateau Province, Nigeria.
166204. Plateau Province, Nigeria.
166205. Lowland type. Plateau Province, Nigeria.
166206. Zaria, Nigeria.
166207. Zaria, Nigeria.
166208. Zaria, Nigeria.
166209. Zaria, Nigeria.
166210. *Sierra Leone*.
166211. Market, Lagos, Nigeria.
166212. *Sorghum* sp.
Zaria, Nigeria.
166213. *Sorghum* sp.
Ibadan, Nigeria.
166214. *Sorghum* sp.
Abeokuta, Nigeria.
166215. *Zea mays* L. Poaceae. Corn.
Samaru, Zaria, Nigeria.
166216. *Saccharum*. Poaceae. Sugarcane.
From the Dominican Republic. Cuttings presented by the Central Romano Corporation, Trujillo. Received July 30, 1948.
B38-192.
- 166217 and 166218. *Kniphofia*. Liliaceae. Torchlily.
From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Aug. 3, 1948.
Originally from England.
166217. *Sirius*.
166218. *Solfatare*.
- 166219 to 166353. *Triticum aestivum* L. Poaceae. Common wheat.
From Turkey. Seeds presented by Prof. Vamik Taysi, Yuksek Ziraat Enstitusu, Ankara, to J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 3, 1948.
Seeds originally collected from sources listed.
- 166219 to 166231. From Nigde Province.
166219. No. 595. Ak. 145a.
166220. No. 596. Saribursa. 147a.
166221. No. 597. Yenikoy. 146b.

166219 to 166353.—Continued

166219 to 166231.—Continued

166222. No. 598. *Sahman*. 146a.

166223 to 166231. From Aksaray.

166223. No. 599. *Comak*. 145e.166224. No. 600. *Comak*. 145d.166225. No. 601. *Kanici*. 147b.166226. No. 602. *Sahman*. 242/1.166227. No. 603. *Sahman*. 242/5.166228. No. 604. *Saribursa*. 242/4.

166229. No. 605. 242/3.

166230. No. 606. *Sahman*. 145b.166231. No. 607. *Comak*. 145c.

166232 to 166249. From Konya Province.

166232. No. 608. *Beyaz*. 235/40.166233. No. 609. *Akyarnaz*. 235/39.166234. No. 610. *Beyaz*. 235/44.166235. No. 611. *Ziraat*. 235/42.166236. No. 612. *Kunduru*. 235/41.166237. No. 613. *Dere Desi*. 235/38.166238. No. 614. *Karisik*. 235/32. Ayranci.166239. No. 615. *Yumusak*. 235/33. Eregli.166240. No. 616. *Yumusak*. 235/34. Eregli.166241. No. 617. *Sert*. 235/35. Eregli.166242. No. 618. *Ak*. 235/36.166243. No. 619. *Sahman*. 235/37.166244. No. 620. *Yumusak*. 235/25. Ilgin.166245. No. 621. *Sert*. 235/26. Ilgin.166246. No. 622. *Yumusak*. 235/30. Eregli.166247. No. 623. *Sert*. 235/31. Eregli.166248. No. 624. *Yumusak*. 235/21. Sarayonu.166249. No. 625. *Karisik*. 235/24. Ilgin.

166250 to 166256. From Nigde Province.

166250. No. 626. *Karisik*. 242/2.166251. No. 627. *Sahman*. 242/7. Aksaray.166252. No. 628. *Yumusak*. 242/10.166253. No. 629. *Yumusak*. 242/6. Aksaray.166254. No. 630. *Ak*. 242/11. Bor.166255. No. 631. *Comak*. 242/12. Bor.166256. No. 632. *Sahman*. 242/13. Bor.

166257 to 166277. From Kayseri Province.

166257. No. 633. *Gemir*. 106b. Bunyan.166258. No. 634. *Haci Yusuf*. 106a. Bunyan.166259. No. 635. *Zerin*. 106c. Bunyan.166260. No. 636. *Gemir*. 107a. Develi.

166219 to 166353.—Continued

166257 to 166277.—Continued

166261. No. 637. *Zerin*. 107b. Develi.
166262. No. 638. *Zerin*. 108b.
166263. No. 639. *Germir*. 108a.
166264. No. 640. *Kose Comak*. 107c. Develi.
166265 to 166270. From Pinarbasi.
166265. No. 641. *Zerin*. 109a.
166266. No. 642. *Kirmizi*. 109b.
166267. No. 643. *Zerin*. 153/a.
166268. No. 644. *Zeran*. 109c.
166269. No. 645. *Yumusak*. 232/1.
166270. No. 646. *Sert*. 232/2.
166271. No. 647. *Karisik*. 232/4.
166272. No. 648. *Sert*. 232/4.
166273. No. 649. *Germir*. 232/6. Bunyan.
166274. No. 650. *Zerun*. 232/7. Bunyan.
166275. No. 651. *Topbas*. 232/8. Bunyan.
166276. No. 652. *Kose*. 232/9.
166277. No. 653. *Germir*. 232/10.

166278 to 166317. From Sivas Province.

166278. No. 654. *Guzbuk Yillik*. 148a. Divrigi.
166279. No. 655. *Zerin*. 148b. Divrigi.
166280. No. 656. *Terian*. 148c. Divrigi.
166281. No. 657. *Topbas*. 148d. Divrigi.
166282. No. 658. *Zeran*. 149a. Kangal.
166283. No. 659. *Yillik*. 149b. Kangal.
166284. No. 660. *Calibasan*. 149c. Kangal.
166285. No. 661. *Yillik*. 149e. Sarkisla.
166286. No. 662. *Zerun*. 149f. Sarkisla.
166287. No. 663. *Yaylik Muhacir*. 149i. Sarkisla.
166288. No. 664. *Zeran*. 150a.
166289. No. 665. *Yillik*. 150b.
166290. No. 665a. *Akyaylik*. 150c.
166291. No. 666. *Kiziltopbas*. 150d.
166292. No. 667. *Acem*. 149d. Kangal.
166293. No. 668. *Erik Kislik*. 149g. Sarkisla.
166294. No. 669. *Disi Kislik*. 149h. Sarkisla.
166295. No. 670. *Zeran*. 150e.
166296. No. 671. *Saritopbas*. 150f.
166297. No. 672. *Kirmizi Topbas*. 153a. Yildizeli.
166298. No. 673. *Zeran*. 153b. Yildizeli.
166299. No. 674. *Akbugday*. 153c. Yildizeli.
166300. No. 675. *Saribas*. 153a. Hafik.
166301. No. 676. *Kirkambar*. 152b. Hafik.

166219 to 166353.—Continued

166278 to 166317.—Continued

- 166302. No. 677. *Zerun*. 152c. Hafik.
- 166303. No. 678. *Sunter*. 152/1a. Akdagmadeni.
- 166304. No. 679. *Kirik Guruk*. 154a. Zara.
- 166305. No. 680. *Topbas*. 154c. Zara.
- 166306. No. 681. *Yaylik*. 154d. Zara.
- 166307. No. 682. *Topbas*. 154/7c. Kangal.
- 166308. No. 683. *Calibasan*. 154/1b. Kangal.
- 166309. No. 684. *Zeran*. 154/1d. Kangal.
- 166310. No. 685. *Yumusak*. 243/1. Kangal.
- 166311. No. 686. *Nahlut*. 243/2.
- 166312. No. 687. *Yumusak*. 243/6.
- 166313. No. 688. *Calibasan*. 243/8. Gemerek.
- 166314. No. 689. *Zerun*. 243/9. Gemerek.
- 166315. No. 690. *Yillik*. 243/10. Gemerek.
- 166316. No. 691. *Zerin* (Karisik). 243/11. Kangal.
- 166317. No. 692. *Zerun*. 154b. Zara.

166318 to 166337. From Urfa Province.

- 166318. No. 693. *Misir*. 175c.
- 166319. No. 694. *Sert B*. 250/4. Akcakale.
- 166320. No. 695. *Mursit Pinar*. 250/1. Suruc.
- 166321. No. 696. *Beyaz*. 178c. Viransehir.
- 166322. No. 698. *Kirmizi*. 176a. Siverek.
- 166323. No. 699. *Misir*. 173c. Akcakale.
- 166324. No. 700. *Kasisik*. 173e. Akcakale.
- 166325. No. 702. *Beyaziye*. 173a. Akcakale.
- 166326. No. 703. *Kirmizi*. 173b. Akcakale.
- 166327. No. 705. *Semsati*. 172a. Birecik.
- 166328. No. 706. *Misir*. 177c. Suruc.
- 166329. No. 707. *Karakilcik*. 177b. Suruc.
- 166330. No. 708. *Siyah Kilikli*. 178a. Viransehir.
- 166331. No. 709. *Kandehari*. 175b.
- 166332. No. 710. *Beyaz*. 174b. Haran.
- 166333. No. 711. *Mahlut*. 175a.
- 166334. No. 712. *Iskenderiye*. 176c. Siverek.
- 166335. No. 713. *Beyaz*. 176b. Siverek.
- 166336. No. 714. *Sami*. 177/d. Suruc.
- 166337. No. 715. *Habbelik*. 177a. Suruc.

166338 to 166342. From Gaziantep Province.

- 166338. No. 716. *Kirmizi Hairani*. 73a. Kilis.
- 166339. No. 717. *Akharan*. 74a.
- 166340. No. 718. 73b. Killis.
- 166341. No. 719. *Antep Kirmizi*. 74c.
- 166342. No. 720. *Hairani*. 75a. Nizip.

166219 to 166353.—Continued

166343 to 166348. From Mardin Province.

166343. No. 721. *Soruk*. 138a. Nusaybin.166344. No. 722. *Geove*. 138b. Nusaybin.166345. No. 723. *Sorgul*. 136d. Kiziltepe.166346. No. 724. *Kandihari*. 136c. Kiziltepe.166347. No. 725. *Sert B.* 239/1.166348. No. 726. *Sinnelcemel*. 138a. Nusaybin.

166349 to 166353. From Maras Province.

166349. No. 727. *Yoksulyemez*. 133a.166350. No. 728. *Kunduru*. 132c.166351. No. 729. *Romanya Ak.* 133c.166352. No. 730. *Yazlik*. 132a.166353. No. 731. *Tortcu*. 133b.

166354. ORMOSIA sp. Fabaceae.

From Brazil. Seeds collected by R. C. Hegy, Marfa, Texas. Received Aug. 3, 1948.

Mulungu. Rio Uatuma.

166355 to 166360.

From the Union of South Africa. Presented by Dr. P. A. Steyn, Department of Agriculture, Stellenbosch, Cape Province. Received Aug. 6, 1948.

166355. PRUNUS PERSICA (L.) Batsch. Rosaceae.

Peach.

Kakamas. Scions.

166356 to 166360. VITIS VINIFERA L. Vitaceae.

European grape.

Cuttings.

166356. *Ferdinand de Lesseps*.166359. *Laubecher's Gem*.166357. *Gros Noir*.166360. *White Prince*.166358. *Olivette Bauthette*.

166361 to 166371.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 4, 1948.

Collected in 1948.

166361. SOLANUM sp. Solanaceae.

No. 8808. Toda Rai Singh, Jaipur. Feb. 8.

166362. SOLANUM sp.

No. 9359. Malasa, United Provinces. Apr. 3. Decumbent thorny plant; fruit 1 inch in diameter, yellow.

166363. SMILAX sp. Liliaceae.

No. 9378. Katgodam, United Provinces. Apr. 10.

166364. SOLANUM sp. Solanaceae.

No. 9379. Katgodam, United Provinces. Apr. 11. Shrub, 8 feet high; fruit orange-red.

166365 to 166371. Almora, United Provinces.

166365. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

No. 9398. Apr. 14.

166361 to 166371.—Continued**166365 to 166371.—Continued**

166366. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
 No. 9420. *Palak*. Apr. 16.
166367. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.
 No. 9421. *Sem*. Apr. 16.
166368. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 No. 9422. *Mirch*. Apr. 16. Fruit slender and mild.
166369. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
 No. 9423. *Bhart*. Apr. 16.
166370. *LOLIUM TEMULENTUM* L. Poaceae. Darnel.
 No. 9424. Apr. 16.
166371. *TRIFOLIUM REPENS* L. Fabaceae. White clover.
 No. 9425. Apr. 17.

166372 to 166381.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Department of Agriculture, Pretoria, Transvaal. Received July 30, 1948.

166372 to 166375. From Pietersburg, Transvaal.

166372. *ENNEAPOGON SCOPARIUS* Stapf. Poaceae.

166373 to 166375. *ERAGROSTIS* spp. Poaceae.

166373. *ERAGROSTIS LEHMANNIANA* Nees.

166374 and 166375. *ERAGROSTIS SUPERBA* Peyr.

166374. No. 1.

166375. No. 2.

166376. *GALENIA PALLENS* Walp. Aizoaceae.

Veld Reserve, Worcester, Cape Province.

166377 to 166379. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

166377. Mossel Bay, Cape Province.

166378. Pietersburg, Transvaal.

166379. Ecotype.

166380. *PHALARIS TUBEROSA* L. Poaceae.

166381. *TRICHOLAENA MONACHNE* (Trin.) Stapf & Hubb. Poaceae.

North of Zoutpansberg.

166382. *ARNICA FOLIOSA* Nutt. Asteraceae.

From Czechoslovakia. Seeds presented by Dr. Jan Kabelik, Velke Losiny, Moravia. Received July 26, 1948.

166383 to 166385.

From Australia. Seeds collected by Dr. William Hartley, Council for Scientific and Industrial Research, Canberra City. Received Aug. 4, 1948.

166383 and 166384. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

166383. Tocumwal, New South Wales.

166384. Trangie, New South Wales.

166385. *CUCUMIS MYRIOCARPUS* Naudin. Cucurbitaceae. Paddymelon.

Trangie, New South Wales.

166386 to 166394.

From India. Seeds presented by the New York Botanical Garden, Bronx Park, New York., N. Y. Received Aug. 10, 1948.

From Manipur. Collected by the Kingdon-Ward Expedition.

166386. *ARISAEMA* sp. Araceae.

KW No. 17228.

166387. *BEGONIA TESSARICARPA* C. B. Clarke. Begoniaceae.

KW 17486.

166388. *BUDDLEIA MACROSTACHYA* Benth. Loganiaceae.

KW 17039.

166389. *CAREX BACCANS* Nees. Cyperaceae.

KW 17070.

166390. *CLEMATIS GOURIANA* Roxb. Ranunculaceae.

KW 17063.

166391. *COTONEASTER MICROPHYLLA* Lodd. Rosaceae.

KW 17252.

166392. *HEMIPHRAGMA HETEROPHYLLUM* Wall. Scrophulariaceae.

KW 17034.

166393. *JASMINUM ATTENUATUM* DC. Oleaceae.

KW 17038.

166394. *OXYSPORA PANICULATA* (D. Don) DC. Melastomaceae.

KW 17055.

166395 to 166401.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Aug. 4, 1948.

166395 to 166399. *ERAGROSTIS* spp. Poaceae.

166395. *ERAGROSTIS CILIANENSIS* (All.) Link.

166396. *ERAGROSTIS ECHINOCHLOIDEA* Stapf.

166397. *ERAGROSTIS POROSA* Nees.

166398. *ERAGROSTIS* sp.

166399. *ERAGROSTIS* sp.

166400. *PANICUM COLORATUM* L. Poaceae.

166401. *PENNISETUM CILIARE* (L.) Link. Poaceae.

166402 to 166406.

From Argentina. Seeds presented by Enrique C. Clos, Division of Exploration and Introduction of Plants, Buenos Aires. Received Aug. 4, 1948.

166402. *CHLORIS* sp. Poaceae.

SD 47-49.

166403. *CHLORIS POLYDACTYLA* (L.) Swartz.

SD 47-29.

166404. *CROTALARIA INCANA* L. Fabaceae.

SD 47-268.

166405. *LEPTOCHLOA CHLORIDIFORMIS* (Hack.) Parodi. Poaceae.

SD 47-148.

166406. *TRICHLORIS FLAVUM* N. E. Br. Asclepiadaceae.

SD 47-44.

166407. INDIGOFERA MUCRONATA DC. Fabaceae.

From Guatemala. Seeds presented by Garcia Salas, United Fruit Co., Tiquisate.
Received Aug. 12, 1948.

166408 and 166409. ELAEIS GUINEENSIS Jacq. Phoenixaceae.**African oil palm.**

From France. Seeds presented by the Agricultural Attaché, American Embassy,
Paris. Received Aug. 14, 1948.

166408. BRT 10-82 x D 285.

166409. D 245 x D 290.

166410. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From the Union of South Africa. Seeds presented by Dr. Len Verwoerd, Uni-
versity of Stellenbosch, Stellenbosch, Cape Province. Received Dec. 5, 1945.

Numbered July 12, 1948.

166411. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From England. Seeds presented by the Agricultural Attaché, London. Received
Sept. 6, 1933. Numbered Aug. 13, 1948.

Ummedpur. Reported to have been originally found in tomb in India.

166412 to 166418. FRAGARIA spp. Rosaceae.

From the Netherlands. Seeds presented by the Wageningen Plant Breeding
Station, Wageningen. Received Aug. 13, 1948.

166412. *FRAGARIA MOSCHATA* Duchesne.

Hautbois strawberry.

166413 to 166418. *FRAGARIA.*

Strawberry.

166413. *Deutschet Evern.*

166416. *Madam Mouthot.*

166414. *Jucunda.*

166417. *Mizzie Schindler.*

166415. *Madam Lefebvre.*

166418. *Oberschlesien.*

166419. COPERNICIA CERIFERA Mart. Phoenixaceae.**Carnauba wax palm.**

From British Guiana. Seeds presented by the Director, Department of Agri-
culture, Georgetown. Received Aug. 16, 1948.

166420 and 166421. CANNABIS SATIVA L. Moraceae.**Hemp.**

From Japan. Seeds presented by Ministry of Agriculture and Forestry, Kamit-
suga-gun, Tochigi Prefecture. Received Aug. 16, 1948.

166420. *Tochishi No. 1.*

166421. *Nishiohashi-shu.*

166422 and 166423. CHLORIS spp. Poaceae.

From Australia. Seeds presented by the Trangie Experiment Station, Depart-
ment of Agriculture, Sydney, New South Wales. Received Aug. 9, 1948.

166422. *CHLORIS ACICULARIS* Lindl.

166423. *CHLORIS TRUNCATA* R. Br.

166424. PANDA OLEOSA Pierre. Pandaceae.

From the French Cameroons. Seeds presented by F. M. Grissett, Lolodorf. Re-
ceived Aug. 10, 1948.

166425 to 166427. EUCALYPTUS spp. Myrtaceae.

From Australia. Seeds presented by the Commonwealth Forestry Bureau, Can-
berra. Received Aug. 12, 1948.

166425. *EUCALYPTUS COCCIFERA* Hook. f.

ACT 1803.

166425 to 166427.—Continued166426 and 166427. *EUCALYPTUS DALRYMPLEANA* Maiden.

166426. No. 1.

166427. No. 2.

166428. *MUSA TEXTILIS* Née. Musaceae.**Abacá.**

From Honduras. Seeds presented by J. H. Permar, Tela Railroad Co., Tela. Received Aug. 18, 1948.

*Maquindanao.***166429 to 166436.**

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Division of Agriculture, Pretoria, Transvaal. Received Aug. 10, 1948.

166429. *DIGITARIA SMUTSII* Stent. Poaceae.

Selection 16/6.

166430. *DIGITARIA SWAZILANDENSIS* Stent.166431. *EXOMIS AXRYIOIDES* Moq. Chenopodiaceae.*Hondebos.*166432. *HERMANNIA TRIFURCA* L. Sterculiaceae.**Yellow plasterbush.***Geel-pleisterbos.*166433. *POLLICHIA CAMPESTRIS* Ait. Silenaceae.*Kaffer-druif.*166434. *PRISMATOCARPUS ROELLIODES* (L.) Sond. Campanulaceae.*Rollerbos.*166435. *TETRAGONIA FRUTICOSA* L. Aizoaceae.*Kinkelsaad Klappiesbrak.*166436. *TETRAGONIA HIRSUTA* L. f.*Grottsaad Klappiesbrak.***166437 to 166439. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.**

From India. Seeds presented by the American Embassy, New Delhi. Received Aug. 23, 1948.

166437. Black.

166438. Yellow.

166439. Chocolate.

166440 to 166959. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.**

From Turkey. Seeds presented by Prof. Vamik Taysi, Yuksek Ziraat Enstitusu, Ankara, through J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 23, 1948.

Seeds originally collected from sources listed.

166440. No. 853. *Siha*. 226/2. Mersin, Icel.166441. No. 854. *Sert*. 226/3. Mersin, Icel.166442. No. 855. *Sari Bugday*. 83-a. Icel, Icel.166443. No. 856. *Yerli*. 84-a. Tarsus, Icel.166444. No. 857. *Digrak*. 83-c. Icel, Icel.166445. No. 858. *Sert*. 245/1. Ceyhan, Seyhan.166446. No. 859. *Siha*. 245/3. Kozan, Seyhan.166447. No. 860. *Kibris*. 84-b. Tarsus, Icel.

166440 to 166959.—Continued

166448. No. 861. *Digrak*. 83-b. Icel, Icel.
 166449. No. 862. *Bozkarakilcik*. 245/5. Kozan, Seyhan.
 166450. No. 863. *Fransiz*. 245/4. Kozan, Seyhan.
 166451. No. 864. *Topak*. 156-b. Ceyhan, Seyhan.
 166452. No. 865. *Fransiz*. 81-b. Reyhanli, Hatay.
 166453. No. 866. *Beyaz Bug*. 157-b. Ceyhan, Seyhan.
 166454. No. 867. 82-a. Mersin, Icel.
 166455. No. 868. *Karakilcik*. 80-b. Hatay, Hatay.
 166456. No. 869. *Karakilcik*. 159-a. Kozan, Seyhan.
 166457 to 166461. From Hatay Province.
 166457. No. 870. *Havrani*. 81-a. Reyhanli.
 166458. No. 871. *Kirmizi*. 81-d. Reyhanli.
 166459. No. 872. *Havrani*. 79-b. Iskenderun.
 166460. No. 873. *Fransiz*. 79-c. Iskenderun.
 166461. No. 874. *Alibayir*. 80-c. Iskenderun.
 166462. No. 875. *Karakilcik*. 157-a. Ceyhan, Seyhan.
 166463. No. 876. *Akkarakilcik*. 104-a. Kastamonu Province.
 166464. No. 877. *Akkarakilcik*. 105-a. Taskopru, Kastamonu.
 166465. No. 878. *Alibayir*. 81-c. Reyhanli, Hatay.
 166466. No. 879. *Sert*. 244/2. Vezirkopru, Samsun.
 166467. No. 880. *Ak*. 160/b. Boyabat, Sinop.
 166468. No. 881. *Boz*. 160/d. Boyabat, Sinop.
 166469. No. 882. *Sari*. 37-e. Bolu, Bolu.
 166470. No. 883. *Akbasak*. 187-a. Devrek, Zonguldak.
 166471 to 166477. From Bolu Province.
 166471. No. 884. *Beyaz*. 35-a. Duzce.
 166472. No. 885. *Muhacir Kizil*. 35-b. Duzce.
 166473. No. 886. *Sari*. 35-c. Duzce.
 166474. No. 887. *Kose*. 35-d. Duzce.
 166475. No. 888. *Cumhuriyet*. 35-e. Duzce.
 166476. No. 889. *Alaca*. 36-a. Gerede.
 166477. No. 890. *Cakirli*. 37-a. Gerede.
 166478. No. 891. *Akkarakilcik*. 104-a. Kastamonu Province.
 166479. No. 892. *Yazlik*. 105-a. Taskopru, Kastamonu.
 166480. No. 893. *Saribaz*. 187-b. Devrek, Zonguldak.
 166481. No. 894. *Sumdar*. 105-c. Taskopru, Kastamonu.
 166482. No. 895. *Saribaz*. 105-d. Taskopru, Kastamonu.
 166483. No. 896. *Kirmizi*. 188-b. Safranbolu, Zonguldak.
 166484. No. 897. *Ak*. 187-c. Devrek, Zonguldak.
 166485. No. 898. *Sert B*. 226/4. Mersin, Icel.
 166486. No. 899. *Kislik*. 84/1A. Anamur, Icel.
 166487. No. 900. *Karisik*. 244/1. Vezirkopru, Samsun.
 166488. No. 901. *Kocabaz*. 160-c. Boyabat, Sinop.
 166489. No. 902. *Yunan*. 160-a. Boyabat, Sinop.

166440 to 166959.—Continued

166490. No. 903. *Menemen*. 139-a. Akhisar, Manisa.
166491. No. 904. *Karakilcik*. 139-b. Akhisar, Manisa.
166492. No. 905. *Italian*. 91-b. Tire, Izmir.
166493. No. 906. *Bozbasak*. 23-e. Aydin, Aydin.
166494. No. 907. *Ak*. 188-a. Safranbolu, Zonguldak.

166495 to 166498. From Aydin Province.

166495. No. 908. *Karakilcik*. 23-a. Aydin.
166496. No. 909. *Yumusak*. 23-b. Aydin.
166497. No. 910. *Yaz Bugday*. 23-c. Aydin.
166498. No. 911. *Mentane*. 23-d. Aydin.

166499 to 166512. From Antalya Province.

166499. No. 912. *Bugday*. 22-c. Antalya.
166500. No. 913. *Dis*. 205/1. Antalya.
166501. No. 914. *Kaymakam*. 205/2. Antalya.
166502. No. 915. *Siha Kizilca*. 205/3. Antalya.
166503. No. 916. *Yerli Macar*. 20-a. Serik.
166504. No. 917. *Macar*. 21-a. Manavgat.
166505. No. 918. *Kaymakam*. 19-d. Korkuteli.
166506. No. 919. *Akca*. 22-a. Korkuteli.
166507. No. 920. *Yerli*. 22-b. Korkuteli.
166508. No. 921. *Ece*. 19-b. Korkuteli.
166509. No. 922. *Koca*. 19-a. Korkuteli.
166510. No. 923. *Digrak*. 19-c. Korkuteli.
166511. No. 924. *Gokala*. 18-b. Elmali.
166512. No. 925. *Kaymakam*. 18-a. Elmali.

166513. No. 926. *Guzluk*. 37-c. Bolu, Bolu.
166514. No. 927. *Ak*. 18-c. Elmali, Antalya.
166515. No. 928. *Akserez*. 37-b. Bolu Province.
166516. No. 929. *Ordular Guzhigu*. 37-d. Bolu Province.
166517. No. 930. *Yerli*. 140-e. Manisa, Manisa.
166518. No. 931. *Bintane*. 140-h. Manisa, Manisa.
166519. No. 932. *Akbasak*. 25-a. Balikesir Province.
166520. No. 933. *Aksusam*. 140-f. Manisa Province.
166521. No. 934. *Akhisar*. 25-b. Balikesir Province.
166522. No. 935. *Yumusak*. 254/3. Derince, Kocaeli.
166523. No. 936. *Karakilcik*. 140-g. Manisa, Manisa.
166524. No. 937. *Karakilcik*. 89-b. Menemen, Izmir.
166525. No. 938. *Italian*. 142-h. Soma, Manisa.
166526. No. 939. *Saribasak*. 26-c. Balikesir Province.
166527. No. 940. *Yerli*. 87-d. Bergama, Izmir.
166528. No. 941. *Karakilcik*. 141-a. Salihli, Manisa.
166529. No. 942. *Sert*. 207/4. Susurluk, Balikesir.
166530. No. 943. *Akbasak*. 85-a. Catalca, Istanbul.
166531. No. 944. *Kizilca*. 110-d. Babaeski, Kirlareli.

166440 to 166959.—Continued

166532. No. 945. *Sert*. 165-a. Saray, Tekirdag.
166533. No. 946. *Sert Akbasak*. 164-b. Malkara, Tekirdag.
166534. No. 947. *Akbasak*. 86-b. Istanbul, Istanbul.
166535. No. 948. *Sert Saribasak*. 161-a. Corlu, Tekirdag.
166536. No. 949. *Karabasak*. 85-b. Catalca, Istanbul.
166537. No. 950. *Bozbasak*. 85-c. Catalca, Istanbul.
166538. No. 951. *Akbasak*. 163-a. Tekirdag Province.
166539. No. 952. *Kizilca*. 111-a. Luleburgaz, Kirklareli.
166540. No. 953. *Akbasak*. 165/1A. Sarkoy, Tekirdag.
166541. No. 954. *Tunus*. 85-d. Catalca, Istanbul.
166542. No. 955. *Sert Canakkale*. 25-e. Balikesir Province.
166543. No. 956. *Karakilcik*. 88-a. Dikili, Izmir.
166544. No. 957. *Kirmizi*. 38-a. Bucak, Burdur.
166545. No. 958. *Ormece*. 38-b. Bucak, Burdur.
166546. No. 959. *Sert*. 216/5. Acipayam, Denizli.
166547. No. 960. *Kilciksiz*. 53-b. Tavas, Denizli.
166548. No. 961. *Akca*. 38-c. Bucak, Burdur.
166549 to 166552. From Afyon Province.
166549. No. 962. *Sert*. 200/3. Cardak.
166550. No. 963. *Sari Sert*. 3-b. Bolvadin.
166551. No. 964. *Kirmizi*. 5-c. Dinar.
166552. No. 965. *Sunter*. 5-f. Dinar.
166553. No. 966. *Ak*. 27-c. Bozuyuk, Bilecik.
166554. No. 967. *Kirmizi*. 5-d. Dinar, Afyon.
166555. No. 968. *Aksusam*. 141-b. Salihli, Manisa.
166556. No. 969. *Kizilca*. 161-b. Corlu, Tekirdag.
166557. No. 970. *Aksusam*. 87-c. Bergama, Izmir.
166558. No. 971. *Yumusak*. 254/5. Derince, Kocaeli.
166559. No. 972. *Koca*. 53-c. Tavas, Denizli.
166560. No. 973. *Sari*. 93-a. Sarkikaraagac, Isparta.
166561. No. 974. *Koca*. 53/1A. Cal, Denizli.
166562. No. 975. *Yumusak*. 254/6. Derince, Kocaeli.
166563. No. 976. *Sari*. 87-a. Bergama, Izmir.
166564. No. 977. *Kilciksiz*. 140-a. Manisa, Manisa.
166565. No. 978. *Yumusak*. 254/7. Derince, Kocaeli.
166566. No. 979. *Kunduz*. 165/1B. Sarkoy, Tekirdag.
166567. No. 980. 200/1. Dinar, Afyon.
166568. No. 981. *Akkizilevli*. 92-c. Isparta Province.
166569. No. 982. *Bolu*. 27-a. Bozuyuk, Bilecik.
166570. No. 983. *Kirmizi Kizilevli*. 95-a. Yalvac, Isparta.
166571. No. 984. *Kose*. 27-b. Bozuyuk, Bilecik.
166572. No. 985. *Yumusak*. 254/4. Derince, Kocaeli.
166573. No. 986. *Karakilcik*. 113-b. Vize, Kirklareli.
166574. No. 987. *Sert Posali*. 25-f. Balikesir Province.

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166575. No. 988. *Akbasak*. 113-a. Vize, Kirklareli.
 166576. No. 989. *Akova*. 42-a. Karacabey, Bursa.
 166577. No. 990. *Canakkale*. 260. Balikesir Province.
 166578. No. 991. *Akbasak*. 111-b. Luleburgaz, Kirklareli.
 166579. No. 992. *Yumusak*. 207/3. Susurluk, Balikesir.
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 166583. No. 996. *Kizilca*. 26-a. Balikesir, Balikesir.
 166584. No. 997. *Kokana*. 41-d. Inegol, Bursa.
 166585. No. 998. *Sert Akhisar*. 25-g. Balikesir Province.
 166586. No. 999. *Kirmizi Italian*. 142-b. Soma, Manisa.
 166587. No. 1000. *Yumusak*. 25-c. Balikesir Province.
 166588. No. 1001. *Eldirek*. 51-b. Denizli Province.
 166589. No. 1002. *Aksusam*. 140-b. Manisa, Manisa.
 166590. No. 1003. *Akova*. 90-a. Odemis, Izmir.
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 166594. No. 1007. *Yumusak*. 216/1.
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 166597. No. 1010. *Sert*. 247/4. Corlu, Tekirdag.
 166598. No. 1011. *Ak*. 128-c. Kutahya Province.
 166599. No. 1012. *Gokala*. 92-d. Isparta Province.
 166600. No. 1013. *Sert*. 128-d. Usak, Kutahya.
 166601. No. 1014. *Kizilca*. 208/5. Bozuyuk, Bilecik.
 166602. No. 1015. *Sunter*. 208/1. Bozuyuk, Bilecik.
 166603. No. 1016. *Pamucak*. 126-a. Kutahya Province.
 166604. No. 1017. *Kirmizi*. 128-a. Kutahya Province.
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 166608. No. 1021. *Yumusak*. 236/5. Usak, Kutahya.
 166609. No. 1022. *Ak*. 71-b. Seyitgazi, Eskisehir.
 166610. No. 1023. *Saribasak*. 70-d. Eskisehir Province.
 166611. No. 1024. *Kilcikli Ak*. 2-d. Afyon Province.
 166612. No. 1025. *Cumhuriyet*. 14-a. Cubuk, Ankara.
 166613. No. 1026. *Yazlik* (Sunter). 70-a. Eskisehir, Eskisehir.
 166614. No. 1027. *Ak*. 70-b. Eskisehir, Eskisehir.
 166615. No. 1028. *Normal Sari* (Sert). 200/16. Ihsaniye, Afyon.
 166616. No. 1029. *Sivas Bug*. 13-b. Bala, Ankara.
 166617. No. 1030. *Ak*. 2-c. Afyon Province.

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- 166618. No. 1031. *Beyaz Bug*. 16-c. Ankara Province.
- 166619. No. 1032. *Sert*. 127-g. Kutahya Province.
- 166620. No. 1033. *Yumusak*. 200/20. Cay, Afyon.
- 166621. No. 1034. *Saribursa*. 15/1A. Cankaya, Ankara.
- 166622. No. 1035. *Saribursa*. 15/1B. Cankaya, Ankara.
- 166623. No. 1036. *Sunter*. 128-b. Kutahya Province.
- 166624. No. 1037. *Kizilca*. 247/5. Corlu, Tekirdag.
- 166625. No. 1038. *Kizilca*. 113-c. Vize, Kirklareli.
- 166626. No. 1039. *Sari* (Yumusak). 127-a. Kutahya Province.
- 166627. No. 1040. *Kunduru*. 15-g. Haymana, Ankara.
- 166628. No. 1041. *Sari* (Deli). 222/10. Bicer, Eskisehir.
- 166629. No. 1042. *Sunter*. 16-a. Ankara Province.
- 166630. No. 1043. *Yumusak* (Ak). 222/11. Bicer, Eskisehir.
- 166631. No. 1044. *Kunduru*. 13-a. Bala, Ankara.
- 166632. No. 1045. *Akova*. 91-c. Tire, Izmir.
- 166633. No. 1046. *Sert*. 254/8. Derince, Kocaeli.
- 166634. No. 1047. *Akbasak*. 161-c. Corlu, Tekirdag.
- 166635. No. 1048. *Sert*. 92-b. Isparta Province.
- 166636. No. 1049. *Sert*. 247/6. Tekirdag Province.
- 166637. No. 1050. *Kizilca*. 162-b. Hayrabolu, Tekirdag.
- 166638. No. 1051. *Sari Sert*. 29-c. Sogut, Bilecik.
- 166639. No. 1052. *Bozbasak*. 110-a. Babaeski, Kirklareli.
- 166640. No. 1053. *Hacemestan*. 163-b. Tekirdag Province.
- 166641. No. 1054. *Ak*. 92-a. Isparta Province.
- 166642. No. 1055. *Akbasak*. 162-a. Hayrabolu, Tekirdag.
- 166643. No. 1056. *Yumusak Kizilca*. 25-d. Balikesir Province.
- 166644. No. 1057. *Karisik*. 212/1. Tefenni, Burdur.
- 166645. No. 1058. *Sari*. 51-a. Inegol, Bursa.
- 166646. No. 1059. *Aksusam*. 88-b. Dikili, Izmir.
- 166647. No. 1060. *Sert*. 240/1. Manisa Province.
- 166648. No. 1061. *Cumhuriyet*. 89-c. Menemen, Izmir.
- 166649. No. 1062. *Yumusak*. 29-b. Sogut, Bilecik.
- 166650. No. 1063. *Sert*. 235/1. Gelibolu, Gelibolu.
- 166651. No. 1064. 233/3. Kirklareli Province.
- 166652. No. 1065. *Calibasan*. 24-c. Balikesir Province.
- 166653. No. 1066. *Kirmizi Kizilca*. 233/1. Kirklareli Province.
- 166654. No. 1067. *Karisik*. 207/2. Susurluk, Balikesir.
- 166655. No. 1068. *Yumusak*. 254/1. Adapazari, Kocaeli.
- 166656. No. 1069. *Yumusak*. 216/4. Cal, Denizli.
- 166657. No. 1070. *Akova*. 190-1. Adapazari, Kocaeli.
- 166658. No. 1071. *Kadiraghi*. 15/7E. Cankaya, Ankara.
- 166659. No. 1072. *Sert*. 216/2. Torbali, Denizli.
- 166660. No. 1073. *Sert*. 256/1. Karabiga, Canakkale.
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166671. No. 1084. *Sari*. 71-c. Eskisehir, Eskisehir.
166672. No. 1085. *Karisik*. 200/22. Cay, Afyon.
166673. No. 1086. *Sert*. 200/21. Cay, Afyon.
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166676. No. 1089. *Yumusak*. 200/2. Dinar, Afyon.
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166679. No. 1092. *Yakupkale*. 75/1C. Cankaya, Ankara.
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166681. No. 1094. *Kunduru*. 15/1D. Cankaya, Ankara.
166682. No. 1095. *Sert*. 207/1. Balikesir Province.
166683. No. 1096. *Bozbasak*. 58-a. Uzunkopru, Eldrine.
166684. No. 1097. *Sunter*. 71-d. Seyitgazi, Eskisehir.
166685. No. 1098. *Italyan*. 89-d. Menemen, Izmir.
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166687. No. 1100. *Akbazak*. 58-b. Uzunkopru, Edirne.
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166689. No. 1102. *Kizilca*. 163-c. Tekirdag Province.
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166695. No. 1108. *Karisik*. 236/8. Kutahya Province.
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166697. No. 1110. *Sert*. 236/9. Kutahya Province.
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166704. No. 1117. *Yumusak*. 222/9. Beylikahir, Eskisehir.
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166706. No. 1119. *Kunduru*. 15-b. Haymana, Ankara.
 166707. No. 1120. *Saribasak*. 222/7. Sivrihisar, Eskisehir.
 166708. No. 1121. *Sunter*. 200/9. Afyon, Afyon.
 166709. No. 1122. *Karisik*. 200/11. Afyon, Afyon.
 166710. No. 1123. *Ak*. 5-a. Dinar, Afyon.
 166711. No. 1124. *Akmana*. 24-a. Bilikesir Province.
 166712. No. 1125. *Sari*. 40-a. Tefenni, Burdur.
 166713. No. 1126. *Akbasak*. 110-c. Babaeski, Kirklareli.
 166714. No. 1127. *Yumusak*. 222/6. Eskisehir Province.
 166715. No. 1128. *Sert*. 216/3. Denizli Province.
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 166723. No. 1136. *Sari*. 50-a. Civril, Denizli.
 166724. No. 1137. *Sert*. 236/6. Usak, Kutahya.
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 166726. No. 1139. *Kadiroglu*. 14-b. Cubuk, Ankara.
 166727. No. 1140. *Ak*. 70-e. Alpur, Eskisehir.
 166728. No. 1141. *Kadiroglu*. 71-e. Seyitgazi, Eskisehir.
 166729 to 166736. From Afyon Province.
 166729. No. 1142. *Sert*. 200/4. Dinar.
 166730. No. 1143. *Tohumluk Sari*. 200/15. Ihsaniye.
 166731. No. 1144. *Sari Ari*. 2-b.
 166732. No. 1145. *Ak*. 3-a. Bolvadin.
 166733. No. 1146. *Ak* (normal). 200/14. Ihsaniye.
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 166735. No. 1148. *Ak*. 1-b.
 166736. No. 1149. *Akkilciksiz*. 2-a.
 166737. No. 1150. *Sivas Bug*. 15-a. Haymana, Ankara.
 166738. No. 1151. *Ak* (Tohumluk). 200/13. Ihsaniye, Afyon.
 166739. No. 1152. *Sari*. 1-a. Sandikli, Afyon.
 166740. No. 1153. *Saribasak*. 70-f. Eskisehir Province.
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 166766. No. 1179. *Yumusak B.* 221/1. Pasinler, Erzurum.
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 166768. No. 1181. *Sert B.* 230/6. Sarikamis, Kars.
 166769. No. 1182. *Yumusak*. 230/1. Kars, Kars.
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 166771. No. 1184. *Beyaz B.* 97-b. Arpacay, Kars.
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166865. No. 1278. *Cankiri*. 61-a.
166866. No. 1279. *Kunduru Menceki*. 60-c. Keban.
166867. No. 1280. *Asure*. 59-s. Cemisgezек, Tunceli.

166440 to 166959.—Continued

166868. No. 1281. *Kose*. 32-b. Kigi, Bingol.
- 166869 to 166872. From Cemisgezdek, Tunceli Province.
166869. No. 1282. *Menceki*. 59-p. 166871. No. 1284. *Menceki*. 59-m.
166870. No. 1283. *Menceki*. 59-n. 166872. No. 1285. *Asure*. 59-l.
166873. No. 1286. *Kirik B.* 8-a. Diyadin, Agri.
166874. No. 1287. *Asure*. 59-k. Cemisgezdek, Tunceli.
166875. No. 1288. *Asure*. 60-b. Keban, Elazig.
166876. No. 1289. *Yazlik*. 60-a. Keban, Elazig.
166877. No. 1290. *Asure*. 59-t. Cemisgezdek, Tunceli.
166878. No. 1291. *Topbaz*. 78-e. Bayburt, Gumusane.
166879. No. 1292. *Saribasak*. 86-a. Istanbul, Istanbul.
166880. No. 1293. *Menceki*. 59-h. Cemisgezdek, Tunceli.
166881. No. 1294. 59-1A. Baskil, Elazig.
166882. No. 1295. *Asure*. 59-g. Cemisgezdek, Tunceli.
166883. No. 1296. *Kirmizi*. 131-c. Poturge, Malatya.
- 166884 to 166892. From Cemisgezdek, Tunceli Province.
166884. No. 1297. *Menceki*. 59-y. 166889. No. 1302. *Asure*. 59-b.
166885. No. 1298. *Asure*. 59-f. 166890. No. 1303. *Asure*. 59-a.
166886. No. 1299. *Asure*. 59-e. 166891. No. 1304. *Menceki*. 59-r.
166887. No. 1300. *Menceki*. 59-d. 166892. No. 1305. *Menceki*. 59-t.
166888. No. 1301. *Asure*. 59-c.
166893. No. 1306. *Cankesme*. 78-f. Bayburt, Gumusane.
- 166894 to 166901. From Malatya Province.
166894. No. 1307. *Peygamber*. 131-b. Poturge.
166895. No. 1308. *Kirmizi* (Semsoti). 131-a. Poturge.
166896. No. 1309. *Beyaz*. 130-c.
166897. No. 1310. *Kunduru*. 130-a.
166898. No. 1311. *Sert*. 129-b.
166899. No. 1312. *Ak*. 129-a.
166900. No. 1313. *Asure*. 237/2.
166901. No. 1314. *Saribasak*. 77-b. Tercan.
- 166902 to 166912. From Zile, Tokat Province.
166902. No. 1315. *Karisik*. 248/5. 166908. No. 1321. *Calibasan*. 169-f
166903. No. 1316. *Sert*. 248/6. 166909. No. 1322. *Sam*. 169-a.
166904. No. 1317. *Karisik*. 244/11. 166910. No. 1323. *Dimenit*. 168-b.
166905. No. 1318. *Ormece*. 169-c. 166911. No. 1324. *Sam*. 168-c.
166906. No. 1319. *Uveyik*. 169-d. 166912. No. 1325. *Sert*. 244/3.
166907. No. 1320. *Alucore*. 169-e.
166913. No. 1326. *Hicaz*. 215/11. Corum, Corum.
- 166914 to 166926. From Tokat Province.
166914. No. 1327. *Sert*. 248/2. Erbaa.
166915. No. 1328. *Yumusak*. 248/1. Erbaa.
166916. No. 1329. *Yumusak*. 248/4. Zile.
166917. No. 1330. *Uveyik*. 168-d.
166918. No. 1331. *Dimenit*. 167-c. Erbaa.
166919. No. 1332. *Ormece*. 248/3. Artova.

166440 to 166959.—Continued

166914 to 166926.—Continued

- 166920. No. 1333. *Sari*. 167-b. Erbaa.
- 166921. No. 1334. *Sam*. 167-a. Erbaa.
- 166922. No. 1335. *Calibasan*. 166-a. Artova.
- 166923. No. 1336. *Guruk*. 166-b. Artova.
- 166924. No. 1337. *Aksunter*. 166-c. Artova.
- 166925. No. 1338. *Ormece*. 166-d. Artova.
- 166926. No. 1339. *Uveyik*. 166-e.

166927 to 166946. From Corum Province.

- 166927. No. 1340. *Sam*. 215/9.
- 166928. No. 1341. *Karisik*. 215/8.
- 166929. No. 1342. *Uveyik*. 215/7.
- 166930. No. 1343. *Sam* (Yumusak). 215/6. Alaca.
- 166931. No. 1344. *Sert*. 215/5. Alaca.

166932 to 166936. Sungurlu.

- 166932. No. 1345. *Yumusak*. 215/3.
- 166933. No. 1346. *Sert Sungurlu*. 315/1.
- 166934. No. 1347. *Sam*. 48-c.
- 166935. No. 1348. *Sert*. 48-b.
- 166936. No. 1349. *Uveyik*. 48-a.

- 166937. No. 1350. *Yazlik*. 47-f.
- 166938. No. 1351. *Uveyik*. 47-e.
- 166939. No. 1352. *Sam*. 47-d.
- 166940. No. 1353. *Akkarakilcik*. 47-c.
- 166941. No. 1354. *Hicaz*. 47-b.
- 166942. No. 1355. *Kose*. 47-a.

166943 to 166946. Iskilip.

- 166943. No. 1356. *Rus*. 46-d.
- 166944. No. 1357. *Sumuder*. 46-c.
- 166945. No. 1358. *Uveyik*. 46-b.
- 166946. No. 1359. *Digrak*. 46-a.

166947 to 166957. From Cankiri Province.

- 166947. No. 1360. *Ak*. 44-d.
- 166948. No. 1361. *Akkilcik*. 44-c.
- 166949. No. 1362. *Hicaz*. 44-b.
- 166950. No. 1363. *Kunduru*. 44-a.
- 166951. No. 1364. *Sirtiyumru*. 43-b. Cerkes.
- 166952. No. 1365. *Kunduru*. 43-a. Cerkes.
- 166953. No. 1366. *Sert*. 214/2.
- 166954. No. 1367. *Karisik*. 214/1.
- 166955. No. 1368. *Sert*. 214/7.
- 166956. No. 1369. *Karisik*. 214/6.
- 166957. No. 1370. *Yumusak*. 214/3.

166958. No. 1371. *Rus*. 215/10. Corum Province.166959. No. 1372. *Turnadili*. 214/8. Cankiri Province.

166960. LUPINUS PILOSUS Murray. Fabaceae. Blue lupine.

From Australia. Seeds presented by Dr. William Hartley, Council for Scientific and Industrial Research, Canberra City. Received Aug. 30, 1948.

166961 to 166965. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Aug. 24, 1948.

Scions presented by Capt. E. D. Yoakum, USAF, Office of the Military Government for Hesse, Wiesbaden, Germany. Scions from plants grown and numbered by Dr. K. J. Maurer, Institut für Obstbau, Geisenheim am Rhein.

166961. WV 44/209.

166964. WV 44/214.

166962. WV 44/210.

166965. WV 44/216.

166963. WV 44/212.

166966 to 167399.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 26, 1948.

Collected in 1948.

166966. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

No. 164. *Manisa*. Apr. 8.

166967 to 166974. From Reyhanli, Hatay. Apr. 13.

166967. *SORGHUM VULGARE Pers. Poaceae.*

No. 166. *Akdari*. Supar.

166968. ORYZA SATIVA L. Poaceae. Rice.

No. 167. Egyptian type.

166969. AVENA SATIVA L. Poaceae. Common oats.

No. 168.

166970. ORYZA SATIVA L. Poaceae. Rice.

No. 169. *Blue Rose*.

166971. TRITICUM AESTIVUM L. Poaceae. Common wheat.

No. 170. *Havrani*.

166972. HORDEUM VULGARE L. Poaceae. Barley.

No. 170-A.

166973. LENS CULINARIS Medic. Fabaceae. Lentil.

No. 171.

166974. HORDEUM VULGARE L. Poaceae. Barley.

No. 172. Four-rowed type.

166975 to 166980. From Amada, Hatay. Apr. 13.**166975. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

No. 173. Originally from Konya.

166976. ZEA MAYS L. Poaceae. Corn.

No. 174. Long eared.

166977. TRITICUM AESTIVUM L. Poaceae. Common wheat.

No. 175.

166978. VICIA ERVILIA (L.) Willd. Fabaceae.

No. 176. *Kusne*.

166979. SORGHUM VULGARE Pers. Poaceae.

No. 177. *Akdari*.

166966 to 167399.—Continued

166975 to 166980.—Continued

166980. *HORDEUM DISTICHON* L. Poaceae. Barley.
No. 178.
166981. *SORGHUM VULGARE* Pers. Poaceae.
No. 179. *Akdari*. Sicanli, Hatay. Apr. 13.
166982. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 180. Sicanli, Hatay.
166983. *VICIA FABA* L. Fabaceae. Broadbean.
No. 181. Taynat, Hatay.
166984. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 182. *Ali Bayir*. Taynat, Hatay; of Syrian origin.
- 166985 to 167001. Presented by Kemel Bey, Ziraat Muduru, Antakya, Hatay.
Apr. 13.
- 166985 and 166986. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
166985. No. 183.
166986. No. 184.
- 166987 and 166988. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
166987. No. 185. Green.
166988. No. 186. Hot type.
166989. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 187.
166990. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 188. Hot type.
166991. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 189.
166992. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 190. *Kabak*.
166993. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 191.
- 166994 to 166996. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
166994. No. 192.
166995. No. 193.
166996. No. 194.
- 166997 to 167001. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
166997. No. 195. Long type. 167000. No. 198.
166998. No. 196. Green. 167001. No. 199. Green.
166999. No. 197.
- 167002 to 167040. From Kirikhan, Hatay. Apr. 14.
167002. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 200. Beardless type.
167003. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 200-A. Long grains.
167004. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 201. *Kabak Nohut*. Grown at Ozkirilkoya.

166966 to 167399.—Continued

167002 to 167040.—Continued

167005. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 202. Grown at Ozkirkkoya.
167006. *LINUM USITATISSIMUM* L. Linaceae. Flax.
No. 203.
167007. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 204. *Ak Bugday*.
- 167008 and 167009. *ORYZA SATIVA* L. Poaceae. Rice.
167008. No. 205. *Blue Rose*.
167009. No. 206. Egyptian type.
167010. *LINUM USITATISSIMUM* L. Linaceae. Flax.
No. 207. Grown at Cerentepe.
167011. *ORYZA SATIVA* L. Poaceae. Rice.
No. 208. *Cezia*. Grown at Catalkuyuk.
167012. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 209. *Reyhaniye*.
167013. *ORYZA SATIVA* L. Poaceae. Rice.
No. 210. *Kilciksiz*. Egyptian type.
167014. *SORGHUM VULGARE* Pers. Poaceae.
No. 211. Grown at Mahmutlu.
167015. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 212. *Sert Bugday*. Grown at Yenikoy.
167016. *GOSSYPIUM*. Malvaceae. Cotton.
No. 213. Local type.
167017. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 214. *Havran*. Grown at Kurtlu Sari. Mazi.
167018. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 215. *Nohut*. Grown at Kaletepe.
167019. *PRUNUS AMYGDALUS* Batsch. Rosaceae. Almond.
No. 216.
167020. *CUMINUM CYMINUM* L. Apiaceae. Cumin.
No. 217. *Kimyon*. Grown at Meztepe.
167021. *ORYZA SATIVA* L. Poaceae. Rice.
No. 218. *Dernis Celtizi*. Grown at Camsari.
167022. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 219. Black.
167023. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Rosaceae. Loquat.
No. 220. Grown in Iskenderun.
167024. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 221. *Borulce*. Grown at Karadurmuslu.
167025. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
No. 222. Black. Grown at Eskisehir.
167026. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 223. Grown at Mahmudiye.

166966 to 167399.—Continued

167002 to 167040.—Continued

167027. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 224.
167028. *RHUS* sp. Anacardiaceae.
No. 225. *Somak*.
167029. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
No. 226. *Yohudi Bezelyesi*. Grown at Acemli.
167030. *ZEA MAYS* L. Poaceae. Corn.
No. 227. *Beyaz Dari*. Grown at Misifte. White.
167031. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 228. *Kilciksiz Yumusak*. Grown at Camsari. Soft type.
167032. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 229. *Sari Kavun*. Grown at Ic Ada.
167033. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
No. 230. *Yer Fistigi*. Local type grown at Seylak.
167034. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
No. 231. *Susam*. Grown at Hodalla.
167035. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.
No. 232. *Maydonoz*. Grown at Mahmutlu.
167036. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 233. *Dolmalik Kabak*. Grown at Catalepe.
167037. *HORDEUM DISTICHON* L. Poaceae. Barley.
No. 234.
167038. *CAPSIUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 235. Hot type.
167039. *NIGELLA SATIVA* L. Ranunculaceae. Black cumin.
No. 236.
167040. *NERIUM OLEANDER* L. Apocynaceae. Oleander.
No. 237.
- 167041 to 167050. From Karagac Fernek, Hatay. Apr. 14.
167041. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 238. *Domates*. Local type.
167042. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 239. *Kabak*.
167043. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 240.
167044. *CUCUMIS MELO* L. Muskmelon.
No. 241. *Kavun*.
167045. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 242. *Karpuz*.
167046. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 243.
167047. *SORGHUM VULGARE* Pers. Poaceae.
No. 244. *Akdari*.

166966 to 167399.—Continued

167041 to 167050.—Continued

167048. *ZEА MAYS* L. Poaceae.

Corn.

No. 245.

167049. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 246. *Kurt*.167050. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 247. *Hiyar*.

167051 to 167065. From the Citrus Experiment Station, Dortyol, Hatay. Apr. 14.

167051. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 248. *Siyah Fasulya*.167052. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 249. *Salatalik*.167053. *CUCURBITA PEPO* L. Cucurbitaceae.

Pumpkin.

No. 250. *Kabak*.167054. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 251. *Domates*.167055. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

No. 252.

167056. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

No. 253. *Findik Turp*.167057. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

No. 254. *Acuk*. Long type.167058. *CUCUMIS MELO* L.

Muskmelon.

No. 255. *Kis Kavanu*.167059. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 256. *Karpuz*. Silifke, Icel.167060. *CORCHORUS OLITORIUS* L. Tiliaceae.

Jute.

No. 257.

167061 to 167065. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

167061. No. 258. *Sivri Aci Biber*.

167064. No. 261. Hot type.

167062. No. 259.

167065. No. 262. *Biber*.167063. No. 260. *Kaba Sivri Biber*.

167066 to 167095. From the Cane Experiment Station, Adana, Seyhan. Apr. 15.

167066. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae.

Singkwa towelgourd.

No. 263. *Lifkabagi*.167067. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

No. 264. India.

167068. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

No. 265.

167069. *SESBANIA* sp. Fabaceae.

No. 266.

166966 to 167399.—Continued

167066 to 167095.—Continued

167070.	LINUM USITATISSIMUM L.	Linaceae.	Flax.
	No. 267.	Argentine type.	
167071.	TRIFOLIUM ALEXANDRINUM L.	Fabaceae.	Berseem.
	No. 268.	Palestine Experiment Station.	
167072.	RICINUS COMMUNIS L.	Euphorbiaceae.	Castorbean
	No. 269.	No. 12.	
167073.	LEPIDIUM SATIVUM L.	Brassicaceae.	Garden cress.
	No. 270.	<i>Tere.</i>	
167074.	LYCOPERSICON ESCULENTUM Mill.	Solanaceae.	Tomato.
	No. 271		
167075.	APIUM GRAVEOLENS L.	Apiaceae.	Celery.
	No. 272.		
167076.	LACTUCA SATIVA L.	Asteraceae.	Lettuce.
	No. 273.	<i>Marul.</i>	
167077.	SOLANUM MELONGENA L.	Solanaceae.	Eggplant.
	No. 274.		
167078.	PHASEOLUS VULGARIS L.	Fabaceae.	Common bean.
	No. 275.	<i>Aysekadin.</i>	
167079.	CUCUMIS SATIVUS L.	Cucurbitaceae.	Cucumber.
	No. 276.	Egyptian type.	
167080.	PETROSELINUM CRISPUM (Mill.) Nym.	Apiaceae.	Parsley.
	No. 277.		
167081.	ALLIUM PORRUM L.	Liliaceae.	Leek.
	No. 278.		
167082.	DAUCUS CAROTA L.	Apiaceae.	Carrot.
	No. 279.		
167083.	ANETHUM GRAVEOLENS L.	Apiaceae.	Dill.
	No. 280.		
167084.	CUCURBITA PEPO L.	Cucurbitaceae.	Pumpkin.
	No. 281.	<i>Kabak.</i>	
167085.	CAPSICUM FRUTESCENS L.	Solanaceae.	Redpepper.
	No. 282.		
167086.	ABUTILON THEOPHRASTI Medic.	Malvaceae.	
	No. 283.		
167087.	ARACHIS HYPOGAEA L.	Fabaceae.	Common peanut.
	No. 284.		
167088.	ZEA MAYS L.	Poaceae.	Corn.
	No. 285.	<i>Sarvoy Nebatat.</i>	
167089.	ARACHIS HYPOGAEA L.	Fabaceae.	Common peanut.
	No. 286.	Short, low-growing type.	
167090.	ZEA MAYS L.	Poaceae.	Corn.
	No. 287.	<i>Sahieni Nebatat.</i> Originally imported from Egypt.	

166966 to 167399.—Continued

167066 to 167095.—Continued

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| 167091. CORCHORUS OLITORIUS L. Tiliaceae. | Jute. |
| No. 288. Green jute from Egypt. | |
| 167092. CORCHORUS CAPSULARIS L. | Jute. |
| No. 289. Red jute from Egypt. | |
| 167093. SORGHUM VULGARE Pers. Poaceae. | |
| No. 290. Yellow sorghum from Egypt. | |
| 167094. HIBISCUS CANNABINUS L. Malvaceae. | Kenaf. |
| No. 291. Originally from Egypt. | |
| 167095. ZEA MAYS L. Poaceae. | Corn. |
| No. 292. Originally from Ghiza, Egypt. | |
| 167096 to 167103. From Adana, Sakir Gulasi. Apr. 15. | |
| 167096. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. | Okra. |
| No. 293. <i>Bamya</i> . | |
| 167097. CUCURBITA PEPO L. Cucurbitaceae. | Pumpkin. |
| No. 294. <i>Kabak</i> . | |
| 167098. SPINACIA OLERACEA L. Chenopodiaceae. | Common spinach. |
| No. 295. Long-leaved type. | |
| 167099. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| No. 296. German variety. | |
| 167100. CAPSICUM FRUTESCENS L. Solanaceae. | Redpepper. |
| No. 297. Long, red, hot type. | |
| 167101. SOLANUM MELONGENA L. Solanaceae. | Eggplant. |
| No. 298. <i>Kemer Patlican</i> . Long fruits. | |
| 167102. CAPSICUM FRUTESCENS L. Solanaceae. | Redpepper. |
| No. 299. Green. | |
| 167103. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| No. 300. Long fruits. | |
| 167104 to 167111. Presented by the Cane Experiment Station, Adana, Seyhan. Apr. 15. | |
| 167104 and 167105. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| 167104. No. 301. <i>Barbunya</i> . | |
| 167105. No. 302. <i>Bebekla Fasulye</i> . | |
| 167106. Cicer ARIETINUM L. Fabaceae. | Chickpea. |
| No. 303. | |
| 167107. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| No. 304. <i>Yagli Fasulye</i> . Green bean. | |
| 167108. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. | Okra. |
| No. 305. | |
| 167109. VIGNA SINENSIS (Torner) Savi. Fabaceae. | Cowpea. |
| No. 306. | |
| 167110 and 167111. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| 167110. No. 307. French bean. | |
| 167111. No. 308. <i>Aysekadin</i> . | |

166966 to 167399.—Continued

167112. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**
No. 309. From a large tree growing in Likanta Garden, Reyhanli. Apr. 13.
167113. *PORTULACA OLERACEA* L. Portulacaceae. **Common purslane.**
No. 310. *Semiz Otu*. Adana. Apr. 15.
167114. *LENS CULINARIS* Medic. Fabaceae. **Lentil.**
No. 311. *Mercimek*. Small, red seeds.
- 167115 to 167123. Presented by the Hara Animal Breeding Station, Mercimek. Apr. 16.
167115. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**
No. 312. Local type.
167116. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
No. 313. *Sari Sert*. Hard, yellow type.
167117. *HORDEUM VULGARE* L. Poaceae. **Barley.**
No. 314. Four-rowed type.
167118. *AVENA SATIVA* L. Poaceae. **Common oats.**
No. 315. Winter type.
- 167119 to 167121. *ORYZA SATIVA* L. Poaceae. **Rice.**
167119. No. 316. *Blue Rose*.
167120. No. 317. Egyptian type.
167121. No. 318. *Kara Celtik Tohuma*. Black.
167122. *SORGHUM VULGARE* Pers. Poaceae.
No. 319. *Akdari*.
167123. *ZEA MAYS* L. Poaceae. **Corn.**
No. 320. Yellow.
- 167124 to 167128. Presented by the Cane Experiment Station, Adana, Seyhan. Apr. 16.
- 167124 to 167126. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**
167124. No. 321. *Ala Topak Karpuz*. Striped, round.
167125. No. 322. *Beyaz Uzun Karpuz*. Long, white.
167126. No. 323. *Beyaz Topak Karpuz*. White, round.
167127. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**
No. 324. *Tere Otu*.
167128. *LACTUCA SATIVA* L. Asteraceae. **Lettuce.**
No. 325. *Marul*.
- 167129 to 167143. Presented by Ziraat Muduru, Mersin, Icel. Apr. 17.
167129. *VICIA SATIVA* L. Fabaceae. **Common vetch.**
No. 326. *Fig*. Toros Mountains.
167130. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**
No. 327.
167131. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**
No. 328. *Tere*.
167132. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**
No. 329. *Tere Otu*.
167133. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
No. 330. *Sivri Ve Dolma*.

166966 to 167399.—Continued

167129 to 167143.—Continued

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| 167134. CUCUMIS SATIVUS L. Cucurbitaceae. | Cucumber. |
| No. 331. <i>Hiyar</i> . | |
| 167135. PETROSELINUM CRISPUM (Mill.) Nym. Apiaceae. | Parsley. |
| No. 332. <i>Maydonoz</i> . | |
| 167136. CUCURBITA PEPO L. Cucurbitaceae. | Pumpkin. |
| No. 333. <i>Kabak</i> . From Sakiz. | |
| 167137. ALLIUM PORRUM L. Liliaceae. | Leek. |
| No. 334. <i>Pirosa</i> . | |
| 167138. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. | Okra. |
| No. 335. <i>Bamya</i> . From Adana. | |
| 167139 and 167140. LACTUCA SATIVA L. Asteraceae. | Lettuce. |
| 167139. No. 336. <i>Marul</i> . Local type. | |
| 167140. No. 337. <i>Marul</i> . Kivircik. | |
| 167141. LYCOPERSICON ESCULENTUM Mill. Solanaceae. | Tomato. |
| No. 338. <i>Domates</i> . From Edremit. | |
| 167142. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| No. 339. <i>Turp</i> . | |
| 167143. DAUCUS CAROTA L. Apiaceae. | Carrot. |
| No. 340. <i>Havuc</i> . | |
| 167144. ACACIA HORRIDA (L.) Willd. Fabaceae. | |
| No. 341. Bekirdo, Mersin. Apr. 17. Thorny shrub. | |
| 167145 to 167150. From Karadevar, near Mersin. Apr. 17. | |
| 167145. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| No. 342. <i>Turp</i> . | |
| 167146. PETROSELINUM CRISPUM (Mill.) Nym. Apiaceae. | Parsley. |
| No. 343. <i>Maydonoz</i> . | |
| 167147. GOSSYPIUM. Malvaceae. | Cotton. |
| No. 344. Local type. | |
| 167148. LACTUCA SATIVA L. Asteraceae. | Lettuce. |
| No. 345. | |
| 167149. ALLIUM PORRUM L. Liliaceae. | Leek. |
| No. 356. <i>Pirosa</i> . | |
| 167150. LACTUCA SATIVA L. Asteraceae. | Lettuce. |
| No. 347. <i>Marul</i> . Local type. | |
| 167151. DIOSPYROS LOTUS L. Diospyraceae. | Persimmon. |
| No. 348. Nursery, Tarsus, Icel. Apr. 17. | |
| 167152. PRUNUS DOMESTICA L. Rosaceae. | Common plum. |
| No. 348-A. | |
| 167153. PRUNUS ARMENIACA L. Rosaceae. | Apricot. |
| No. 348-B. | |

166966 to 167399.—Continued

- 167154 to 167164. From Gokbelen, west of Silifke, Icel. Apr. 18.
167154. *PLATANUS ORIENTALIS* L. Platanaceae. Oriental planetree.
No. 349. *Cinar*. Collected from trees in village square.
167155. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 350.
- 167156 and 167157. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
167156. No. 351.
167157. No. 352.
167158. *VICIA ERVILIA* (L.) Willd. Fabaceae.
No. 353. *Burcak*.
167159. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 354.
167160. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 355. *Nohut*.
167161. *JUNIPERUS* sp. Pinaceae. Juniper.
No. 356. *Ardic*.
167162. *JUNIPERUS* sp.
No. 357. *Andiz*.
167163. *JUNIPERUS* sp.
No. 358. *Tombek*.
167164. *PINUS* sp. Pinaceae. Pine.
No. 359.
167165. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 360. *Kavun*. Sayagzi, near Silifke, Icel. Apr. 18. Red flesh.
167166. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 361. *Derak*. Sayagzi.
167167. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 362. *Sayagzi*.
167168. *PIPER GUINEENSE* Schum. & Thonn. Piperaceae. Pepper.
No. 363. Mersin. Apr. 18. Climbing shrub with compound leaves.
167169. *CERATONIA SILIQUA* L. Fabaceae. Carob.
No. 364. *Keciboyunuz*. Lamaz, Icel. Apr. 18.
- 167170 to 167191. Presented by Technical School, southern Mersin. Apr. 19.
167170. *CELOSIA ARGENTEA* L. Amaranthaceae. Feather cockscomb.
No. 365. *Horoz Ibigi*.
167171. *DIANTHUS BARBATUS* L. Caryophyllaceae. Sweet-william.
No. 366.
167172. *AGERATUM* sp. Asteraceae.
No. 367.
167173. *TULIPA* sp. Liliaceae. Tulip.
No. 368.
167174. *LATHYRUS ODORATUS* L. Fabaceae. Sweetpea.
No. 369.

166966 to 167399.—Continued

167170 to 167191.—Continued

167175. *GLADIOLUS* sp. Iridaceae.
No. 370.
167176. *FREESIA REFRACTA* (Jacq.) Klatt. Iridaceae.
No. 371.
167177. *SILENE* sp. Caryophyllaceae.
No. 372. *Mokil Cicegi*.
167178. *SANVITALIA* sp. Asteraceae.
No. 373.
167179. *TAGETES* sp. Asteraceae. Marigold.
No. 374. *Kadife Tajet*.
167180. *IMPATIENS BALSAMINA* L. Balsaminaceae. Garden balsam.
No. 375.
167181. *GAILLARDIA* sp. Asteraceae.
No. 376.
167182. *OCIMUM BASILICUM* L. Menthaceae. Common basil.
No. 377.
167183. *PIPER NIGRUM* L. Piperaceae. Black pepper.
No. 378. *Karabiber Agaci*.
167184. *ACACIA HORRIDA* (L.) Willd. Fabaceae.
No. 379.
167185. *DIANTHUS* sp. Caryophyllaceae.
No. 380.
167186. (Undetermined.)
No. 381.
167187. *ZINNIA HAAGEANA* Regel. Asteraceae.
No. 382.
167188. *CHRYSANTHEMUM CINERARIAEFOLIUM* (Trevir.) Vis. Asteraceae.
No. 383.
167189. *BIGNONIA RADICANS* L. Bignoniaceae. Trumpet creeper.
No. 384.
167190. *PRUNUS CERASIFERA* Ehrh. Rosaceae. Myrobalan plum.
No. 385.
167191. *PRUNUS AMYGDALUS* Batsch. Almond.
No. 386. *Tasbademi*.
- 167192 to 167218. Presented by the Technical School, Bahcevanlik, Mersin.
Apr. 19.
167192. *PORTULACA OLERACEA* L. Portulacaceae. Common purslane.
No. 387. *Semiz Otu*. Local type.
167193. *VICIA FABA* L. Fabaceae. Broadbean.
No. 388. *Bakla*.
- 167194 and 167195. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.
167194. No. 389. *Ispanak*.
167195. No. 390. *Ispanak*. Dutch type.

166966 to 167399.—Continued

167192 to 167218.—Continued

167196. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
No. 391. *Marul*.
- 167197 and 167198. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
167197. No. 392. *Hiyar*. Russian.
167198. No. 393. *Hiyar*.
167199. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 394. *Kabak*.
- 167200 to 167203. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
167200. No. 395. *Aysekadin*. 167202. No. 397. *Aysekadin*.
167201. No. 396. *Aysekadin*. 167203. No. 398. *Barbunya*.
- 167204 and 167205. *PISUM SATIVUM* L. Fabaceae. Pea.
167204. No. 399. *Bezelye*.
167205. No. 400. *Bezelye*.
167206. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
No. 401. *Domates*. Local type.
167207. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
No. 402. *Bamya; Sultani*.
- 167208 and 167209. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
167208. No. 403. *Patlican*. Local type.
167209. No. 404. *Patlican*.
167210. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. Suakwa towelgourd.
No. 405. *Lufa*.
167211. *DAUCUS CAROTA* L. Apiaceae. Carrot.
No. 406. *Havuc*. Local variety.
167212. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
No. 407. *Tere Otu*. Local variety.
167213. *ANETHUM GRAVEOLENS* L. Apiaceae. Dill.
No. 408. *Dere Otu*. Local.
167214. *APIUM GRAVEOLENS* L. Apiaceae. Celery.
No. 409. *Roka*.
- 167215 and 167216. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
167215. No. 410. *Buber*.
167216. No. 411. *Buber*.
167217. *CITRUS AURANTIUM* L. Rutaceae. Seville orange.
No. 412.
167218. *CITRUS* sp.
No. 412-A.
- 167219 to 167225. From Tomuk, Icel. Apr. 19.
167219. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
No. 413. *Karpuz*.
167220. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
No. 414. *Patlican*.

166966 to 167399.—Continued

167219 to 167225.—Continued

167221. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

No. 415. *Kavun*.

167222. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

No. 416. *Karpuz*.

167223. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

No. 417. *Hiyar*.

167224. SESAMUM INDICUM L. Pedaliaceae. Sesame.

No. 418.

167225. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

No. 419. *Cali*. Long, broad pole bean.

167226 to 167233. From Tomuk, Icel.

167226. PINUS sp. Pinaceae. Pine.

No. 420. *Cam*.

167227. AVENA SATIVA L. Poaceae. Common oats.

No. 421. *Yulaf*.

167228. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

No. 422. Small, white.

167229. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

No. 423. *Borulce*.

167230. LENS CULINARIS Medic. Fabaceae. Lentil.

No. 424. *Mercimek*.

167231. TRITICUM AESTIVUM L. Poaceae. Common wheat.

No. 425. *Karakilcik*. Black bearded type.

167232. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.

No. 426. *Bamya*.

167233. CICER ARIETINUM L. Fabaceae. Chickpea.

No. 427. *Nohut*.

167234 to 167266. Presented by the agricultural teachers of Adana Tarim Okulu, Adana, Seyhan. Apr. 20.

167234. LEPIDIUM SATIVUM L. Brassicaceae. Garden cress.

No. 428. *Tere Otu*.

167235. LACTUCA SATIVA L. Asteraceae. Lettuce.

No. 429.

167236. ONOBRYSIS VICIAEFOLIA Scop. Fabaceae. Sainfoin.

No. 430. *Korunga*.

167237. TRITICUM AESTIVUM L. Poaceae. Common wheat.

No. 431. *Karakilcik*.

167238. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.

No. 432. *Hindyagi Giza No. 3*.

167239. LENS CULINARIS Medic. Fabaceae. Lentil.

No. 433. *Adi Mercimek*.

167240. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

No. 434. *No. 59*.

166966 to 167399.—Continued

167234 to 167266.—Continued

167241. *APIUM GRAVEOLENS* L. Apiaceae. Celery.
No. 435. *Gereviz*.
167242. *EUCALYPTUS* sp. Myrtaceae.
No. 436.
167243. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 437. *Kabok*.
167244. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 438. *Sivri Biber*.
167245. *CITRUS AURANTIUM* L. Rutaceae. Seville orange.
No. 439. *Turunc*.
167246. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
No. 440. *Buy*. Aksehir.
167247. *ZEA MAYS* L. Poaceae. Corn.
No. 441. *At Disi Misir*. Adapazari.
167248. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
No. 442. *Susam*.
167249. *AVENA SATIVA* L. Poaceae. Common oats.
No. 443. *Yulaf* No. 2067.
- 167250 and 167251. *PISUM SATIVUM* L. Fabaceae. Pea.
167250. No. 444. *Bezelya*.
167251. No. 445. *Bezelya*.
167252. *ORYZA SATIVA* L. Poaceae. Rice.
No. 446. *Celtik*.
167253. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 447. *Tarla Cayir Bezelyasi*.
167254. *LENS CULINARIS* Medic. Fabaceae. Lentil.
No. 448. Red.
167255. *ALLIUM PORRUM* L. Liliaceae. Leek.
No. 449. *Pirosa*.
167256. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 450. No. 63.
167257. *HORDEUM DISTICHON* L. Barley.
No. 451. Originally from Tokat.
167258. *VICIA ERVILIA* (L.) Willd. Fabaceae.
No. 452. *Burcak*.
167259. *VICIA SATIVA* L. Common vetch.
No. 453. *Fig*. Balkan No. 3.
167260. *VICIA ERVILIA* (L.) Willd.
No. 454. *Murdurmuk*.
167261. *PHALARIS CANARIENSIS* L. Poaceae. Canary grass.
No. 455. *Kusyemi*.
167262. *HORDEUM DISTICHON* L. Poaceae. Barley.
No. 456. *Siyah*.

166966 to 167399.—Continued

167234 to 167266.—Continued

167263. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.
No. 457. *Yonca*.

167264. *SORGHUM VULGARE* Pers. Poaceae.
No. 458. *Akdari*.

167265. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
No. 459. *Turp*.

167266. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
No. 460. *Kavun*.

167267 to 167306. Presented by Deneme Ciftligi, Adana, Seyhan. Apr. 20.

167267. *VICIA SATIVA* L. Fabaceae. Common vetch.
No. 461. *Fig No. 2*.

167268. *CANNABIS SATIVA* L. Moraceae. Hemp.
No. 462. *Gunishacikoyl*.

167269 and 167270. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
167269. No. 463. *Kibris Bugdayi*.

167270. No. 464. *Karakapcik*.

167271. *CORCHORUS CAPSULARIS* L. Tiliaceae. Jute.
No. 465. *Yabani Jut*.

167272. *VICIA ERVILIA* (L.) Willd. Fabaceae.
No. 466. *Burcak*.

167273. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 467. *Bezeyla*.

167274. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
No. 468. *Soya No. 73*.

167275. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
No. 469. *Susam*. Local type.

167276. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 470. *Beyaz Kapcik*.

167277. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
No. 471. *Mammoth Yellow*.

167278. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 472. Local type.

167279. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 473. *Urfa Bugdayi*.

167280. *AVENA SATIVA* L. Poaceae. Common oats.
No. 474. *Haciiali Yulaft*.

167281. *TARAXACUM KOK-SAGHYZ* Rodin. Asteraceae.
No. 475.

167282. *CANNABIS SATIVA* L. Moraceae. Hemp.
No. 476. *Ordu*.

167283. *HIBISCUS CANNABINUS* L. Malvaceae. Kenaf.
No. 477.

166966 to 167399.—Continued

167267 to 167306.—Continued

167284. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang.
No. 478. *Brabham*.
167285. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 479. *Sarikapcik*.
167286. *PARTHENIUM ARGENTATUM* A. Gray. Asteraceae. Guayule.
No. 480.
- 167287 and 167288. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.
167287. No. 481.
167288. No. 482.
167289. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 483. *Floransa Bugdayi*.
167290. *SESBANIA* sp. Fabaceae.
No. 484.
167291. *VICIA SATIVA* L. Fabaceae. Common vetch.
No. 485. *Fig*.
167292. *HORDEUM VULGARE* L. Poaceae. Barley.
No. 486. No. 63.
167293. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
No. 487. *Mas*.
167294. *CORCHORUS OLITORIUS* L. Tiliaceae. Jute.
No. 488.
167295. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
No. 489.
167296. *JUNIPERUS DRUPACEA* Labill. Pinaceae. Juniper.
No. 490.
167297. *STYRAX OFFICINALIS* L. Styracaceae. Snowbell.
No. 491. Small tree.
167298. *JUNIPERUS OXYCEDRUS* L. Pinaceae. Prickly juniper.
No. 492.
167299. *JUNIPERUS* sp. Juniper.
No. 493.
167300. *CORCHORUS CAPSULARIS* L. Tiliaceae. Jute.
No. 494.
167301. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae. Berseem.
No. 495.
167302. *LINUM USITATISSIMUM* L. Linaceae. Flax.
No. 496. *Keten*.
167303. *CANNABUS SATIVA* L. Moraceae. Hemp.
No. 497. *Tire Keneviri*.
167304. *SCORPIURUS SULCATA* L. Fabaceae.
No. 498.
167305. *VICIA SATIVA* L. Fabaceae. Common vetch.
No. 499. *Fig*. No. 3.

166966 to 167399.—Continued

167267 to 167306.—Continued

167306. LINUM USITATISSIMUM L. Linaceae. Flax.
No. 500. *Keten*.

167307 to 167312. From Adana, Seyhan Province. Apr. 21.

167307. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 501. *Topak Bugday*.

167308. LINUM USITATISSIMUM L. Linaceae. Flax.
No. 502. *Zeyrek*.

167309. SESAMUM INDICUM L. Pedaliaceae. Sesame.
No. 503. *Susam*.

167310. HORDEUM VULGARE L. Poaceae. Barley.
No. 504.

167311. AVENA SATIVA L. Poaceae. Common oats.
No. 505. *Yulaf*.

167312. TRITICUM AESTIVUM L. Poaceae. Common wheat.
No. 506.

167313 to 167325. Presented by the Director of Tree Nursery, north of Antakya, Cevdet Onat. Apr. 25.

167313. ABIES CILICICA (Ant. & Kotschy) Carr. Pinaceae. Fir.
No. 507.

167314. ACER NEGUNDO L. Aceraceae. Boxelder.
No. 508.

167315. EUCALYPTUS sp. Myrtaceae.
No. 509.

167316. PINUS PINEA L. Pinaceae. Italian stone pine.
No. 510.

167317. EUCALYPTUS sp. Myrtaceae.
No. 511.

167318. THUJA ORIENTALIS L. Pinaceae. Oriental arborvitae.
No. 512.

167319. ALBIZZIA JULIBRISSIN Durazz. Fabaceae. Silk tree.
No. 513.

167320. CUPRESSUS SEMPERVIRENS var. HORIZONTALIS (Mill.) Gord. Pinaceae. Spreading Italian cypress.
No. 514.

167321. ROBINIA PSEUDOACACIA L. Fabaceae. Black locust.
No. 515.

167322. ACACIA HORRIDA (L.) Willd. Fabaceae.
No. 516.

167323. ACACIA FARNESIANA (L.) Willd. Sweet acacia.
No. 517.

167324. CEDRUS LIBANENSIS Juss. Pinaceae. Cedar of Lebanon.
No. 518.

167325. STERCVLIA DIVERSIFOLIA Don. Sterculiaceae. Black kurrajong.
No. 519.

166966 to 167399.—Continued

167326 to 167342. Presented by the Director, Flower and Horticultural Station, Iskenderun. Apr. 25.

167326. *GENISTA* sp. Fabaceae.

No. 520.

167327. *CASSIA LAEVIGATA* Willd. Fabaceae.

Smooth senna.

No. 521.

167328. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 522.

167329. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 523.

167330. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 524.

167331. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.

No. 525.

167332. *PSIDIUM GUAJAVA* L. Myrtaceae.

Guava.

No. 526.

167333. *OLEA EUROPAEA* L. Oleaceae.

Olive.

No. 527.

167334. *CYDONIA OBLONGA* Mill. Rosaceae.

Quince.

No. 528.

167335. *CARDIOSPERMUM HALICACABUM* L. Sapindaceae.

Balloonvine.

No. 529.

167336. *PHOENIX DACTYLIFERA* L. Phoenicaceae.

Date palm.

No. 530.

167337. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae.

Suakwa towelgourd.

No. 531.

167338. *DIOSPYROS KAKI* L. Diospyraceae.

Kaki persimmon.

No. 532.

167339. *LIGUSTRUM VULGARE* L. Oleaceae.

European privet.

No. 533.

167340. *MELIA AZEDARACH* L. Meliaceae.

Chinaberry.

No. 534.

167341. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Rosaceae.

Loquat.

No. 535.

167342. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castorbean.

No. 536.

167343 to 167358. Presented by the Agricultural Director, Silifke, Icel. Apr. 28.

167343. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

No. 537. *Susam*.

167344. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

No. 538. *Fistik*.

167345. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

No. 539. *Fasulya Catak*.

166966 to 167399.—Continued

167343 to 167358.—Continued

167346. *ALLIUM PORRUM* L. Liliaceae. Leek.
No. 540. *Pirosa*.
167347. *CICER ARIETINUM* L. Fabaceae. Chickpea.
No. 541. *Beyaz Habok Nohudu*.
167348. *VICIA ERVILIA* (L.) Willd. Fabaceae.
No. 542. *Burcak*.
- 167349 to 167351. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
167349. No. 543. *Ermenak*.
167350. No. 544. *Horoz*.
167351. No. 545. *Ak Fasulya*.
167352. *SORGHUM VULGARE* Pers. Poaceae.
No. 546. *Akdari*.
167353. *HORDEUM DISTICHON* L. Poaceae. Barley.
No. 547.
167354. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 549. *Ak Bugday*.
167355. *PRUNUS DOMESTICA* L. Rosaceae. Common plum.
No. 550. *Kara Erik*.
167356. *PHASEOLUS AUREUS* L. Fabaceae. Mung bean.
No. 551. *Mas*. Carbalik.
167357. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
No. 552. *Yerfistigi*.
167358. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
No. 53. *Hiyar*.
- 167359 to 167380. Presented by Ibrahim Bey, agricultural teacher, Tarsus.
Apr. 29.
167359. *GLEDITSIA TRIACANTHOS* L. Fabaceae. Honeylocust.
No. 554. *Ak Yokus*.
167360. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.
No. 555. *Tarsus zerduli*. Early variety.
167361. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
No. 556. *Domalik Buber*.
167362. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
No. 557. *Karakilcik Sert*.
167363. *PISUM SATIVUM* L. Fabaceae. Pea.
No. 558. *Araka Bezelyesi*. Toros Mountains.
167364. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
No. 559. *Kabak*. Sakiz.
167365. *VICIA FABA* L. Fabaceae. Broadbean.
No. 560. *Bakla*.
167366. *SECALE CEREALE* L. Poaceae. Rye.
No. 561. *Cavdar*.

166966 to 167399.—Continued

167359 to 167380.—Continued

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|---|-------------------|
| 167367. VIGNA SINENSIS (Torner) Savi. Fabaceae. | Cowpea. |
| No. 562. | |
| 167368. PHASEOLUS VULGARIS L. Fabaceae. | Common bean |
| No. 563. <i>Ayse Fasulya</i> . | |
| 167369. ZEA MAYS L. Poaceae. | Corn. |
| No. 564. <i>Sari Misir</i> . Yellow. | |
| 167370. HORDEUM DISTICHON L. Poaceae. | Barley. |
| No. 565. <i>Sert</i> . | |
| 167371. LENS CULINARIS Medic. Fabaceae. | Lentil. |
| No. 566. <i>Mercimek</i> . | |
| 167372. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| No. 567. <i>Siriksis</i> . | |
| 167373. SOLANUM MELONGENA L. Solanaceae. | Eggplant. |
| No. 568. <i>Yuvorlak Patlican</i> . | |
| 167374. BETA VULGARIS L. Chenopodiaceae. | Beet. |
| No. 569. <i>Paucar</i> . Local type. | |
| 167375. RAPHANUS SATIVUS L. Brassicaceae. | Radish. |
| No. 570. <i>Turp Uzun</i> . Long type. | |
| 167376. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. | Okra. |
| No. 571. <i>Kis Bamyasi</i> . Winter type. | |
| 167377. TRITICUM AESTIVUM L. Poaceae. | Common wheat. |
| No. 572. <i>Mentana</i> . Spring type. | |
| 167378. AVENA SATIVA L. Poaceae. | Common oats. |
| No. 573. <i>Yulaf</i> . Local variety. | |
| 167379. CICER ARIETINUM L. Fabaceae. | Chickpea. |
| No. 574. <i>Nohut</i> . | |
| 167380. HORDEUM VULGARE L. Poaceae. | Barley. |
| No. 575. Local variety, 4-rowed. | |
| 167381 to 167394. Presented by Akif Bey, Adana, Seyhan Province. Apr. 30. | |
| 167381. SOLANUM MELONGENA L. Solanaceae. | Eggplant. |
| No. 576. <i>Patlican</i> . Local type. | |
| 167382 and 167383. PHASEOLUS VULGARIS L. Fabaceae. | Common bean. |
| 167382. No. 577. Bush type. | |
| 167383. No. 578. <i>Yer Aysesli</i> . | |
| 167384. ALLIUM PORRUM L. Liliaceae. | Leek. |
| No. 579. | |
| 167385. CAPSICUM FRUTESCENS L. Solanaceae. | Redpepper. |
| No. 580. | |
| 167386. LENS CULINARIS Medic. Fabaceae. | Lentil. |
| No. 581. | |
| 167387. HELIANTHUS ANNUUS L. Asteraceae. | Common sunflower. |
| No. 582. <i>Ay Cicegi</i> . | |

166966 to 167399.—Continued**167381 to 167394.—Continued**

167388. *ZEA MAYS* L. Poaceae. **Corn.**

No. 583.

167389. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**

No. 584. *Sam Kagu Hiyar*.

167390. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**

No. 585. *Asper*.

167391. *LACTUCA SATIVA* L. Asteraceae. **Lettuce.**

No. 586. *Marul*.

167392. *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**

No. 587. *Kabak*. Sakiz.

167393. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**

No. 588. *Balkabagi*.

167394. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

No. 589. *Göz Fasulyesi* and *Sari Fasulyesi*. Mixture of white and yellow (40-day) beans.

167395 to 167399. Presented by the Cotton Experiment Station, Adana, Seyhan Province. Apr. 30.

167395 to 167397. *GOSSYPIMUM HERBACEUM* L. Malvaceae. **Cotton.**

167395. No. 590.

167396. No. 591. Selection No. 111. Local type.

167397. No. 592. Selection No. 63. Local type.

167398. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**

No. 593. Local type.

167399. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

No. 594. Local type.

167400. SACCHARUM. Poaceae. **Sugarcane.**

From the Mauritius Islands. Cuttings presented by the Director of Agriculture, Port Louis, Réduit. Received Aug. 30, 1948.

M-14432.

167401 to 167403. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From the British West Indies. Roots presented by the Department of Science and Agriculture, Bridgetown, Barbados. Received Aug. 2, 1948.

167401. B. 44.

167402. *Black Rock*.

167403. *Caroline Lee*.

167404. ACACIA HORRIDA (L.) Willd. Fabaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Aug. 4, 1948.

Miniorce.

167405 to 167431. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From England. Seeds presented by S. Ellerton, Maldon, Essex. Received Aug. 30, 1948.

167405. <i>Algerbra.</i>	167419. <i>Nord Desprez.</i>
167406. <i>Alma.</i>	167420. <i>Paris.</i>
167407. <i>Aurora.</i>	167421. <i>Petit Owin Quin.</i>
167408. <i>Bandam's Browick.</i>	167422. <i>Polonium.</i>
167409. <i>Brooker's Double Standup.</i>	167423. <i>Roothing Red.</i>
167410. <i>Dippe N.</i>	167424. <i>Rouge de Bondeaux.</i>
167411. <i>Dreadnaught.</i>	167425. <i>Sillon d'Or.</i>
167412. <i>1940 Druchamp.</i>	167426. <i>Sovink.</i>
167413. <i>Fon.</i>	167427. <i>Swedish Squarehead.</i>
167414. <i>Franc Nord.</i>	167428. <i>Thulevete II.</i>
167415. <i>Gold.</i>	167429. <i>Vilmorin 27.</i>
167416. <i>Hybride Ble de la Paix.</i>	167430. <i>Weibull's Eroica.</i>
167417. <i>JW. (Spring)</i>	167431. <i>Yga Blondeau.</i>
167418. <i>Meteor.</i>	

167432. *ORYZA AUSTRALIENSIS* Domin. Poaceae.

From Australia. Seeds presented by Dr. William Hartley, Council for Scientific and Industrial Research, Canberra. Received Aug. 31, 1948.

C. 133. Katherine, Northern Territory.

167433. *PHYSALIS PERUVIANA* L. Solanaceae.

Peruvian groundcherry.

From the Union of South Africa. Seeds presented by Dr. P. A. L. Steyn, Western Province Fruit Research Station, Stellenbosch, Cape Province. Received Sept. 16, 1948.

167434. *SPINACIA OLERACEA* L. Chenopodiaceae.

Common spinach.

From Belgium. Seeds presented by J. E. Ohlsens Enke, Agricultural Attaché, Belgian Embassy, Washington, D. C. Received Sept. 23, 1948.

Cavallius.

167435 to 167888. *TRITICUM* spp. Poaceae.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 1, 1948.

Collected in 1948.

167435 to 167525. *TRITICUM AESTIVUM* L.

Common wheat.

- 167435. No. 1395. Bornova, Izmir. June 5.
- 167436. No. 1426. Bornova, Izmir.
- 167437 to 167439. Seed store, Manisa, Manisa. June 7.
- 167437. No. 1479.
- 167438. No. 1495.
- 167439. No. 1498.

167435 to 167888.—Continued

167435 to 167525.—Continued

167440 to 167448. From the Tropical Plant Breeding Station, Antalya, Antalya. May 11.

167440. No. 1511. *Suriye Bugday* (112-g). 167444. No. 1517. *Capelli* (46).

167445. No. 1528.

167441. No. 1513.

167446. No. 1529.

167442. No. 1514. *Suriye Bugday*.

167447. No. 1530. *Suriye Bugday*.

167443. No. 1516.

167448. No. 1533

167449 to 167453. From Korkuteli, Antalya. May 12.

167449. No. 1535. *Bugday*.

167452. No. 1558. *Silifke*.

167450. No. 1545. *Kirmizi Koca*.

167453. No. 1559. *Gokala*.

167451. No. 1566.

167454. No. 3069. From Canakkale, Canakkale. June 27.

167455 to 167459. From Korkuteli, Antalya. May 12.

167455. No. 1562. *Akca Bugday*.

167458. No. 1578. *Gokala*.

167456. No. 1572.

167459. No. 1589. *Koca Bugday*.

167457. No. 1573.

167460 to 167467. From Antalya Province.

167460. No. 1592. *Yumusak*. Elmali. May 12.

167461. No. 1598. *Sert Yayli*. Elmali.

167462. No. 1637. *Manavgat*. May 13.

167463. No. 1654. *Selimiye*. May 14.

167464. No. 1664. *Serik*. May 14.

167465. No. 1674. Near the village of Ayanos.

167466. No. 1690. *Yukari Karaman*. May 14.

167467. No. 1693. *Kirmizi Koca*. *Yukari Karaman*.

167468. No. 1702. *Sert*. *Bucak*, *Burdur*. May 15.

167469. No. 1710. *Sert*. Market, *Bucak*, *Burdur*. May 15.

167470. No. 1712. *Sert*. *Burdur*, *Burdur*.

167471. No. 1721. *Karpuz*. *Burdur*, *Burdur*.

167472. No. 1753. *Osman Buku*, *Aydin*. May 17.

167473. No. 1761. *Osman Buku*, *Aydin*.

167474 to 167478. Market, *Aydin*. May 18.

167474. No. 1775. Originally from *Dinar*, *Ayfon*.

167475. No. 1779. Originally from *Dinar*, *Ayfon*.

167476. No. 1781. *Sert*. *Konya*, *Konya*.

167477. No. 1787.

167478. No. 1791. Originally from *Dinar*, *Ayfon*.

167479 to 167496. From *Mugla* Province.

167479 to 167485. Market, *Mugla*. May 20. Originally from *Tavas*, *Denizli*.

167479. No. 1826.

167483. No. 1833.

167480. No. 1827.

167484. No. 1846.

167481. No. 1831. *Sert*.

167485. No. 1850.

167482. No. 1832.

167435 to 167888.—Continued

167435 to 167525.—Continued

167479 to 167496.—Continued

167486. No. 1856. *Akova*. Dalaman Ciftligi, Mugla. May 21.167487. No. 1859. *Mentana*. Dalaman Ciftligi, Mugla.

167488. No. 1863. Dalaman Ciftligi, Mugla.

167489 to 167492. From Fethiye. May 22.

167489. No. 1882. Coastal type. 167491. No. 1885.

167490. No. 1883. Highland type. 167492. No. 1891. Coastal type.

167493. No. 1893. Uzunlu. May 22.

167494. No. 1905. Village of Kemer. May 23.

167495. No. 1924. Koycegiz. May 24.

167496. No. 1991. Selcuk. May 26.

167497 to 167516. From Manisa Province.

167497 to 167501. Presented by the Office of Agricultural Teacher, Salihli, Manisa. June 8.

167497. No. 2027. Local type.

167498. No. 2032.

167499. No. 2039. *Italian*.

167500. No. 2055. Originally from Aksehir, Konya.

167501. No. 2056.

167502. No. 2066. Near Dambayli. June 8.

167503. No. 2067. Near Dambayli. June 8.

167504. No. 2075. Near Sindel.

167505. No. 2078. Salihli, Manisa. June 9. Originally from Aksehir, Konya.

167506 to 167510. Market, Akhisar, Manisa. June 9.

167506. No. 2137. Originally from Kadinhani, Konya.

167507. No. 2140. Originally from Ilgin, Konya.

167508. No. 2141. Originally from Tavsanli, Kutahya.

167509. No. 2142. Originally from Konya Province.

167510. No. 2148. Originally from Akhisar, Manisa.

167511 to 167516. From Soma, Manisa. June 9.

167511. No. 2165. Seed store. Originally from Ayfon Province.

167512. No. 2171. Seed store. Originally from Balikesir Province.

167513. No. 2178. Seed store. Local type.

167514. No. 2189. Market.

167515. No. 2191-A. Market.

167516. No. 2192. Market.

167517. No. 2223. Kinik. June 9.

167518 to 167524. From Bergama, Izmir. June 10.

167518. No. 2284.

167519. No. 2288. Local type.

167520. No. 2289. Originally from Fethiye, Mugla.

167521. No. 2290.

167522. No. 2291. Local.

167523. No. 2292. Village of Camhoy.

167524. No. 2293.

167525. No. 2315. Soma, Manisa. June 11.

167435 to 167888.—Continued

167526 to 167529. From Kirklareli Province.

167526. *TRITICUM MONOCOCCUM* L.

No. 2485. Between Alpullu and Babaeski. June 21.

167527 and 167528. *TRITICUM AESTIVUM* L.

Common wheat.

167527. No. 2486. Babaeski.

167528. No. 2492. Babaeski.

167529. *TRITICUM MONOCOCCUM* L.

No. 2493. Babaeski.

167530 to 167539. *TRITICUM AESTIVUM* L.

Common wheat.

167530 to 167532. Meric, Edirne. June 21.

167530. No. 2507.

167531. No. 2518.

167532. No. 2530.

167533 to 167537. Seed stores, Kirklareli. June 21.

167533. No. 2569. Originally from Armatlar.

167534. No. 2570. Originally from Pinarhisar.

167535. No. 2571. Originally from Pinarhisar.

167536. No. 2572. Originally from Armatlar.

167537. No. 2586. Originally from Karakas.

167538 and 167539. Seed stores, Babaeski. June 21.

167538. No. 2605.

167539. No. 2611.

167540. *TRITICUM MONOCOCCUM* L.

No. 2612.

167541 to 167563. *TRITICUM AESTIVUM* L.

Common wheat.

167541. No. 2613. Babaeski, Kirklareli.

167542. No. 2636. Babaeski, Kirklareli. June 22.

167543. No. 2639. Edirne, Edirne. June 22.

167544. No. 2644. Edirne, Edirne.

167545. No. 2644-A. Edirne, Edirne.

167546. No. 2657. Havza, Samsun. June 22.

167547. No. 2660. Havza, Samsun. June 22.

167548. No. 2685. Edirne, Edirne. June 27.

167549. No. 2702. Edirne Province. June 27.

167550. No. 2718. Corlu, Tekirdag. June 23.

167551. No. 2721. Corlu, Tekirdag.

167552. No. 2722. *Kizilca*. Corlu, Tekirdag.

167553. No. 2729. Luleburgaz, Kirklareli. June 23. Originally from Sakiz-koy, Kirklareli.

167554. No. 2731. Luleburgaz, Kirklareli.

167555. No. 2734. Tekirdag Province. June 24. Originally from Luleburgaz, Kirklareli.

167556. No. 2749. Local type from Tekirdag Province.

167557. No. 2768. Local type from Tekirdag Province.

167558. No. 2776. Muratli, Tekirdag. June 24.

167435 to 167888.—Continued

167541 to 167563.—Continued

167559. No. 2778. Tekirdag Province.

167560. No. 2781. Twenty-five km. west of Tekirdag.

167561. No. 2793. Seed store, Luleburgaz, Kirklareli. June 23. Originally from Ahmetbey, Kirklareli.

167562. No. 2801. Seed store, Luleburgaz, Kirklareli. Originally from Duguncubasi, Kirklareli.

167563. No. 2811. Agricultural teacher, Kesan, Edirne. June 24.

167564. TRITICUM MONOCOCCUM L.

No. 2822. Kesan, Edirne.

167565 to 167588. TRITICUM AESTIVUM L.

Common wheat.

167565. No. 2827. Kesan, Edirne.

167566 to 167588. From Canakkale Province.

167566. No. 2832. Imroz Gulf. June 25.

167567. No. 2836. Gelibolu. June 25.

167568. No. 2856. Gelibolu.

167569. No. 2871. Gelibolu.

167570. No. 2897. Canakkale. June 25. Originally from Saricaeli, Canakkale.

167571. No. 2913. Seed store, Canakkale.

167572 to 167575. Agricultural teacher, Ezine. June 26.

167572. No. 2951.

167574. No. 2961.

167573. No. 2955.

167575. No. 2974.

167576. No. 3026. Ezine. June 26.

167577. No. 3027. Ezine.

167578. No. 3028. Bayramic.

167579 to 167586. Director of Agriculture, Canakkale. June 26.

167579. No. 3040. *Saribasak*.167580. No. 3044. *Mentana*. Saricaeli.167581. No. 3045. *Karakilecik*. Saricaeli.167582. No. 3046. *Karabasak*. Saricaeli.167583. No. 3049. *Kunduz*. Halileli.167584. No. 3053. *Kunduz*. Saricaeli.167585. No. 3054. *Cumhuriyet*. Halileli.167586. No. 3057. *Muhacir*. Saricaeli.

167587. No. 3063. Canakkale. June 27.

167588. No. 3068. Canakkale.

167589. TRITICUM MONOCOCCUM L.

No. 3072. Canakkale.

167590 to 167614. TRITICUM AESTIVUM L.

Common wheat.

167590 to 167593. From Canakkale Province. June 26.

167590. No. 3074. Can.

167592. No. 3095. Can.

167591. No. 3094. Can.

167593. No. 3115. Yenice. June 27.

167435 to 167888.—Continued

167590 to 167614.—Continued

167594 to 167614. From Balikesir Province.

167594 to 167598. Seed stores, Edremit. June 28.

167594. No. 3153.

167595. No. 3154. Originally from Bayla, Balikesir.

167596. No. 3163. Originally from Tekirdag Province.

167597. No. 3164. Originally from Polatli, Ankara.

167598. No. 3165. Mountain type. Originally from Agonya, Balikesir.

167599 to 167601. From Ayvatlar. June 29.

167599. No. 3201.

167600. No. 3203.

167601. No. 3204.

167602 to 167604. From Baiya.

167602. No. 3209. Winter type. Originally from Kaylalar.

167603. No. 3211. *Kis.* Winter type.

167604. No. 3227-A.

167605 to 167607. Presented by the Director of Agriculture, Balikesir. June 29.

167605. No. 3246.

167606. No. 3251.

167607. No. 3255.

167608 to 167612. Seed stores, Bandirma. June 30.

167608. No. 3273. Originally from Kiziksa, Manyas, Balikesir.

167609. No. 3275. Originally from Sultaniye, Bursa.

167610. No. 3276. Originally from Deydin, Manyas, Balikesir.

167611. No. 3281.

167612. No. 3293. Originally from Tekirdag, Tekirdag.

167613. No. 3297. Ergili. June 30.

167614. No. 3299. Ergili. June 30.

167615. TRITICUM MONOCOCCUM L.

No. 3304. Okcugerli, Balikesir.

167616 to 167633. TRITICUM AESTIVUM L.

Common wheat.

167616 to 167625. From Balikesir Province. June 30.

167616. No. 3309. *Kizilca.* Seed store, Manyas.

167617. No. 3339. Kulak.

167618 to 167622. Market, Susurluk. June 30.

167618. No. 3342.

167619. No. 3343. Originally from Taskopru, Kastamonu.

167620. No. 3350. Originally from Babakoy, Bursa.

167621. No. 3353. Originally from Taskopru, Kastamonu.

167622. No. 3354. *Mika.*

167623 to 167625. Collected from wheat exchange, Bandirma, June 30.

167623. No. 3358.

167624. No. 3362.

167625. No. 3373.

167435 to 167888.—Continued

167616 to 167633.—Continued

167626 to 167633. From Bursa Province. July 1.

167626. No. 3406. Market, Mustafa Kemalpaşa. Originally from Dursunbey, Balıkesir.

167627. No. 3412.

167628 to 167631. From Karacabey.

167628. No. 3440. *Karakilcik Sert.*167629. No. 3445. *Kislik Devedin.*167630. No. 3446. *Kislik Koncine.*167631. No. 3448. *Yazlik Akova.*

167632. No. 3465. Karacabey. Wild, black type.

167633. No. 3467. Karacabey. Wild, white type.

167634. TRITICUM MONOCOCCUM L.

No. 3468. Apolyont, Bursa Province. July 1.

167635 to 167888. TRITICUM AESTIVUM L.

Common wheat.

167635 to 167658. From Bursa Province. July 2.

167635. No. 3470. Near Apolyont.

167636 to 167654. Seed stores, Bursa.

167636 to 167642. Originally from Yenisehir, Ankara.

167636. No. 3507. *Ak Sunter.*167640. No. 3521. *Kizilca.*167637. No. 3509. *Mentana.*167641. No. 3526. *Sert.*167638. No. 3115. *Turnadili Sert.*167642. No. 3527. *Sert.*167639. No. 3518. *Kokana.*167643. No. 3542. *Saribasak.* Originally from Bagcecik, Eskisehir.167644. No. 3543. *Sunter.* Originally from Lumbe, Yenisehir, Ankara.167645. No. 3544. *Kizilca.* Originally from Dimkoz, Bursa.167646. No. 3545. *Kabak Sunter.* Originally from Kalacinar, Yenisehir, Ankara.167647. No. 3546. *Akbasak.* Originally from Yenisehir, Ankara.167648. No. 3548. *Karakilcik.*167649. No. 3549. *Sari.*167650. No. 3554. *Sari.* Originally from Eskisehir Province.167651. No. 3555. *Mentana.*167652. No. 3584. *Akbasak.*167653. No. 3585. *Mentana.* Originally from Yenisehir, Ankara.167654. No. 3586. *Sunter.* Originally from Mentese, Yenisehir, Ankara.

167655 to 167658. Seed stores, Gemlik.

167655. No. 3594. Originally from Emirdag, Eskisehir.

167656. No. 3597. Originally from Gencali.

167657. No. 3603. Originally from Eskisehir Province.

167658. No. 3604. Originally from Eskisehir Province.

167659 to 167662. Presented by the Director of Agriculture, Izmit, Kocaeli. July 4.

167659. No. 3623. *Sert.*

167661. No. 3627.

167660. No. 3625.

167662. No. 3628.

167435 to 167888.—Continued

167635 to 167888.—Continued

167663. No. 3757. *Mentana*. Izmit, Kocaeli. July 4.167664. No. 3758. *Akova*. Izmit, Kocaeli. July 4.167665. No. 3779. *Kirim*. Tarsus, Icel. July 8.

167666 to 167677. From Ankara Province. July 8.

167666. No. 3783.

167672. No. 3793. *Fransiz*.

167667. No. 3784.

167673. No. 3797. *Karakilcik*.167668. No. 3786. *Karakilcik*.

167674. No. 3803.

167669. No. 3788. *Kara*.167675. No. 3814. *Cypress*.167670. No. 3789. *Has*.167676. No. 3819. *Karakilcik*.167671. No. 3791. *Aliboyu*.

167677. No. 3820.

167678 to 167888. Presented by the Director of Plant Breeding, Ankara, Ankara Province. July 11.

167678. No. 3847. Karapinar, Konya.

167679. No. 3859. Sekili, Ankara.

167680. No. 3863. Zara, Samsun.

167681. No. 3866. Hoyuk, Konya.

167682. No. 3868. Pinarbasi, Konya.

167683. No. 3869. Arikoren, Konya.

167684. No. 3871. Karaagac, Ayfon.

167685. No. 3872. Cilbah, Ankara.

167686. No. 3874. Eregli, Konya.

167687. No. 3878. Pinarbasi, Konya.

167688. No. 3879. Golbasi, Ankara.

167689. No. 3880. Erzincan Province.

167690. No. 3883. Keskin, Ankara.

167691. No. 3884. Ayranci, Konya.

167692. No. 3886. Galikoy, Ankara.

167693. No. 3887. Fakili, Ankara.

167694. No. 3888. Amasya Province.

167695. No. 3889. Konya Province.

167696. No. 3890. Sivrihisar, Eskisehir.

167697. No. 3891. Sarimsakli, Ankara.

167698. No. 3892. Sorgun, Yozgat.

167699. No. 3893. Artova, Tokat.

167700. No. 3894. Cubuk, Ankara.

167701. No. 3895. Zara, Sivas.

167702. No. 3896. Sarimsakli, Ankara.

167703. No. 3900. Yozgat Province.

167704. No. 3901. Arikoren, Konya.

167705. No. 3902. Bozuyuk, Bilecik.

167706. No. 3905. Mahmudiye, Afyon.

167707. No. 3936. Sungurlu, Corum.

167708. No. 3937. Yesilhisar, Ankara.

167709. No. 3938. Sarayonu, Konya.

167435 to 167888.—Continued

167635 to 167888.—Continued

167678 to 167888.—Continued

167710. No. 3939. Mahmudiye, Afyon.
167711. No. 3942. Karaman, Konya.
167712. No. 3944. Alpikoy, Afyon.
167713. No. 3949. Dinar, Afyon.
167714. No. 3953. Emirdag, Afyon.
167715. No. 3957. Bogazliyan, Yozgat.
167716. No. 3960. Polatli, Ankara.
167717. No. 3964. Kirklareli Province.
167718. No. 3965. Konya Province.
167719. No. 3969. Pasinler, Erzurum.
167720. No. 3970. Cardak, Izmir.
167721. No. 3971. Cogurler, Kutahya.
167722. No. 3973. S. Kochisar, Ankara.
167723. No. 3975. Eregli, Konya.
167724. No. 3976. Igdir, Kars.
167725. No. 3978. Tuney, Ankara.
167726. No. 3979. Malikoy, Ankara.
167727. No. 3981. Alaca, Corum.
167728. No. 3983. Yerkoy, Ankara.
167729. No. 3986. Cumra, Konya.
167730. No. 3987. Kulukoy, Konya.
167731. No. 3988. Kayseri Province.
167732. No. 3991. Meydan, Konya.
167733. No. 3993. Sandikli, Afyon.
167734. No. 3995. Dinar, Afyon.
167735. No. 3996. Sungurlu, Corum.
167736. No. 3998. Cerikli, Ankara.
167737. No. 3999. Tekirdag Province.
167738. No. 4001. Ihsaniye, Afyon.
167739. No. 4002. Dinar, Afyon.
167740. No. 4003. Baliseyk, Ankara.
167741. No. 4006. Adapazari, Kocaeli.
167742. No. 4010. Fakili, Ankara.
167743. No. 4012. Adapazari, Kocaeli.
167744. No. 4013. Kirikkale, Ankara.
167745. No. 4014. Kirikkale, Ankara.
167746. No. 4017. Karapinar, Konya.
167747. No. 4022. Malikoy, Ankara.
167748. No. 4024. Alpikoy, Afyon.
167749. No. 4025. Yozgat Province.
167750. No. 4029. Gemerek, Samsun.
167751. No. 4032. Sefaatli, Ankara.

167435 to 167888.—Continued

167635 to 167888.—Continued

167678 to 167888.—Continued

167752. No. 4033. Vercinsehir, Konya.
167753. No. 4034. Gemerek, Samsun.
167754. No. 4036. Arikoren, Konya.
167755. No. 4038. Misis, Seyhan.
167756. No. 4039. Sekili, Ankara.
167757. No. 4040. Yozgan, Ankara.
167758. No. 4044. Sarkisla, Sivas.
167759. No. 4047. Elazig Province.
167760. No. 4048. Kutahya Province.
167761. No. 4051. Dayuk, Konya.
167762. No. 4052. Beylikahir, Afyon.
167763. No. 4054. Cubuk, Ankara.
167764. No. 4055. Haymana, Ankara.
167765. No. 4081. Cilbah, Ankara.
167766. No. 4083. Kadinhani, Konya.
167767. No. 4084. Emirdag, Afyon.
167768. No. 4085. Edirne Province.
167769. No. 4086. Agri, Agri.
167770. No. 4089. Ayranci, Konya.
167771. No. 4090. Burdur Province.
167772. No. 4091. Malikoy, Ankara.
167773. No. 4093. Zara, Sivas.
167774. No. 4094. Azarikoy, Konya.
167775. No. 4095. Cay, Afyon.
167776. No. 4099. Kemali, Erzurum.
167777. No. 4101. Bolvadin, Afyon.
167778. No. 4102. Bayseyh, Ankara.
167779. No. 4103. Veysiye, Seyhan.
167780. No. 4104. Sarayonu, Konya.
167781. No. 4106. Yerkoy, Ankara.
167782. No. 4108. Cilbah, Ankara.
167783. No. 4138. Polatli, Ankara.
167784. No. 4139. Konya Province.
167785. No. 4140. Konya Province.
167786. No. 4141. Kirsehir, Kirsehir.
167787. No. 4142. Sandikli, Afyon.
167788. No. 4143. Azarikoy, Konya.
167789. No. 4144. Emirdag, Afyon.
167790. No. 4147. Sarayonu, Konya.
167791. No. 4149. Yarma, Konya.
167792. No. 4150. Adapazari, Kocaeli.
167793. No. 4151. Kulukoy, Konya.

167435 to 167888.—Continued

167635 to 167888.—Continued

167678 to 167888.—Continued

167794. No. 4152. Argithan, Konya.
167795. No. 4155. Sandikli, Afyon.
167796. No. 4156. Yarna, Konya.
167797. No. 4157. Bogazliyan, Ankara.
167798. No. 4165. Bayburt, Erzurum.
167799. No. 4166. Luleburgaz, Kirklareli.
167800. No. 4168. Bayseyh, Ankara.
167801. No. 4173. Dinar, Afyon.
167802. No. 4174. Azarikoy, Konya.
167803. No. 4175. Ilgin, Konya.
167804. No. 4176. Sincankoy, Ankara.
167805. No. 4177. Sarkikaraagac, Isparta.
167806. No. 4182. Ulukisla, Nigde.
167807. No. 4183. Kadinhani, Konya.
167808. No. 4184. Cumra, Konya.
167809. No. 4186. Develi, Kayseri.
167810. No. 4187. Artova, Tokat.
167811. No. 4192. Bayseyh, Ankara.
167812. No. 4194. Erzurum Province.
167813. No. 4195. Derbesiye, Mardin.
167814. No. 4197. Cogurler, Kutahya.
167815. No. 4200. Gemerek, Samsun.
167816. No. 4201. Ihsaniye, Afyon.
167817. No. 4204. Ilgin, Konya.
167818. No. 4208. Cay, Afyon.
161819. No. 4211. Kayseri Province.
167820. No. 4212. Kulukoy, Konya.
167821. No. 4213. Argithan, Konya.
167822. No. 4215. Kemali, Erzurum.
167823. No. 4216. Kalecik, Ankara.
167824. No. 4219. Polatli, Ankara.
167825. No. 4220. Kadinhani, Konya.
167926. No. 4223. Erzincan Province.
167827. No. 4225. Azarikoy, Konya.
167828. No. 4226. Yesilhisar, Ankara.
167829. No. 4227. Pinarbasi, Kayseri.
167830. No. 4229. Cerikli, Ankara.
167831. No. 4230. Cerikli, Ankara.
167832. No. 4231. Bolvadin, Afyon.
167833. No. 4232. Edirne Province.
167834. No. 4233. Yerkoy, Ankara.
167835. No. 4234. Tuney, Ankara.

167435 to 167888.—Continued

167635 to 167888.—Continued

167678 to 167888.—Continued

167836. No. 4235. Sarkisla, Sivas.
167837. No. 4237. Askale, Erzurum.
167838. No. 4238. Azarikoy, Konya.
167839. No. 4239. Azarikoy, Konya.
167840. No. 4242. Suhut, Afyon.
167841. No. 4244. Kemali, Erzurum.
167842. No. 4245. Kadinhani, Konya.
167843. No. 4247. Yildizeli, Sivas.
167844. No. 4248. Afyon Province.
167845. No. 4252. Sarioglan, Ankara.
167846. No. 4253. Yarma, Konya.
167847. No. 4254. Sarayonu, Konya.
167848. No. 4255. Alaca, Corum.
167849. No. 4256. Ilgin, Konya.
167850. No. 4284. Kirsehir Province.
167851. No. 4286. Bolvadin, Afyon.
167852. No. 4287. Cerikli, Ankara.
167853. No. 4289. Himmetdede, Ankara.
167854. No. 4294. Argithan, Konya.
167855. No. 4296. Azarikoy, Konya.
167856. No. 4297. Polatli, Ankara.
167857. No. 4298. Sarioglan, Ankara.
167858. No. 4299. Ilgin, Konya.
167859. No. 4300. Armagan, Samsun.
167860. No. 4301. Sincankoy, Ankara.
167861. No. 4304. Cumra, Konya.
167862. No. 4305. Ayranci, Konya.
167863. No. 4307. Bolvadin, Afyon.
167864. No. 4309. Elgin, Konya.
167865. No. 4311. Emirdag, Afyon.
167866. No. 4313. Bismil, Diyarbakir.
167867. No. 4314. Ankara Province.
167868. No. 4318. Daskiri, Afyon.
167869. No. 4319. Ihsaniye, Afyon.
167870. No. 4320. Kirsehir, Kirsehir.
167871. No. 4321. Akdagmadeni, Yozgat.
167872. No. 4325. Cerikli, Ankara.
167873. No. 4328. Cay, Afyon.
167874. No. 4330. Elazig Province.
167875. No. 4331. Karapinar, Konya.
167876. No. 4334. Sarimsakli, Ankara.
167877. No. 4338. Alasehir, Manisa.

167435 to 167888.—Continued

167635 to 167888.—Continued

167678 to 167888.—Continued

167878. No. 4339. Artova, Tokat.
 167879. No. 4340. Babaeski, Kizilirmak.
 167880. No. 4342. Arikoren, Konya.
 167881. No. 4343. Kutahya, Kutahya.
 167882. No. 4344. Bozuyuk, Bilecik.
 167883. No. 4347. Sefaatli, Ankara.
 167884. No. 4348. Beylikahir, Afyon.
 167885. No. 4351. Kulukoy, Konya.
 167886. No. 4353. Cerkes, Cankiri.
 167887. No. 4359. Cerikli, Ankara.
 167888. No. 4361. Gemerek, Samsun.

167889 to 167893. *AGROPYRON SCABRUM* (R. Br.) Beauv. Poaceae.

From New Zealand. Seeds presented by an unknown donor. Received Sept. 23, 1948.

167889. *Forston* 27. 167892. Group "B."
 167890. *Waiau* 223. 167893. Group "C."
 167891. Group "A."

167894. *ANNONA GLABRA* L. Annonaceae. Pond-apple.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 28, 1953.

P. I. G. No. 3747.

167895 to 167899.

From India. Seeds presented by Elton G. Nelson, United States Department of Agriculture through the American Consulate, Calcutta. Received Aug. 31, 1948.

From the Globe Nursery Co., Calcutta.

167895. *CORCHORUS CAPSULARIS* L. Tiliaceae. Jute.
 167896. *CORCHORUS OLITORIUS* L. Jute.
 167897. *CEOTALABIA JUNCEA* L. Fabaceae. Sunn-hemp.
 167898. *HIBISCUS SABDARIFFA* L. Malvaceae. Roselle.
 167899. *SESBANIA CANNABINA* (Retz.) Poir. Fabaceae.

Daincha.

167900 to 167914. *Gossypium*. Malvaceae. Cotton.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., Received Sept. 2, 1948.

Collected in 1948.

167900. No. 1449. Seed store, Manisa, Manisa. June 7.
 167901. No. 1639. *Ciyit*, Manavgat, Antalya. May 13.
 167902. No. 1642. Manavgat, Antalya.
 167903. No. 1872. Dalaman Ciftligi, Mugla. May 13. Ocala type, grown at Nazilli, Aydin.
 167904. No. 2001. Ephesus, Selcuk, Izmir. May 26.
 167905. No. 2034. Salihli, Manisa. June 8.

167900 to 167914.—Continued

167906. No. 2080. Market, Akhisar, Manisa. June 9.
 167907. No. 2180. *Karakoza*. Seed store, Soma, Kirkagac, Manisa.
 167908. No. 2227. Kinik, Izmir. June 9.
 167909. No. 2286. *Karakoza*. Seedsman, Bergama, Izmir. June 10.
 167910. No. 2520. Meric, 10 km. south of Kirklareli, Kirklareli. June 21.
 167911. No. 2551. Kirklareli. June 21.
 167912. No. 2886. Seed store, Eceabat, Canakkale. June 25.
 167913. No. 3314. Seed store, Manyas, Balikesir. June 30.
 167914. No. 3561. Seed store, Bursa, Bursa. July 2.

167915 to 167919.

From the Union of South Africa. Plant material presented by F. B. Harrington, Camden, Deepdale, Natal. Received Sept. 2, 1948.

167915. *PRUNUS PERSICA* (L.) Batsch. Rosaceae. Peach.
Tos China. Cross between a Chinese type and European type. Originally from Italy. Fruit 3 inches in diameter.
 167916. *RUBUS*. Rosaceae. Blackberry.
Everham.
 167917 to 167919. *VITIS VINIFERA* L. Vitaceae. European grape.
 167917. *Ferdinand de Lesseps*.
 167918. *Giant Isabelle*.
 167919. *White Crystal*.

167920 to 167933. *ORYZA SATIVA* L. Poaceae. Rice.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 2, 1948.

Collected in 1948.

167920. No. 1382. Bornova, Izmir. June 5.
 167921. No. 1869. Dalaman Ciftligi, Mugla. May 21.
 167922. No. 1933. *Kamolin*. Koycegiz, Mugla. May 24.
 167923. No. 2046. Salihli, Manisa. June 8. Egyptian type.
 167924. No. 2054. Salihli, Manisa.
 167925. No. 3510. Bursa, Bursa. July 2.
 167926 to 167933. Presented by Director of Agriculture, Edirne. June 22.
 167926. No. 2709. *Pifrröt*. 167930. No. 2713. *Penbe*.
 167927. No. 2710. *Razza 77*. 167931. No. 2714. *Famiglia 77*.
 167928. No. 2711. *Rienaldo Berzano*. 167932. No. 2715. *Bombay*.
 167929. No. 2712. *Viyolona*. 167933. No. 2716. *Maratelli*.

167934 to 167937. *SACCHARUM*. Poaceae. Sugarcane.

From the Union of South Africa. Cuttings presented by the Agricultural Experiment Station, Mount Edgecombe, Natal. Received Sept. 13, 1948.

167934. Co. No. 79. 167936. No. 334.
 167935. No. 330. 167937. No. 349.

167938 to 167944. *LUPINUS* spp. Fabaceae.

From Portugal. Seeds presented by the Director of Agriculture. Lisbon. Received Sept. 23, 1948.

167938 to 167944.—Continued

167938 to 167943. *LUPINUS ANGUSTIFOLIUS* L.

Lupine.

167938. No. 1.

167941. No. 4.

167939. No. 2.

167942. No. 5.

167940. No. 3.

167943. No. 6.

167944. *LUPINUS* sp.167945. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

From Burma. Seeds presented by U. Aye Maung, Agricultural Assistant, Mandalay. Received Sept. 20, 1948.

*Myitlaung.*167946. *ORYZA SATIVA* L. Poaceae.

Rice.

From Panama. Seeds presented by M. M. Striker, Soil Scientist, Agricultural Mission to Panama, Panama City. Received Sept. 21, 1948.

167947 to 168066. *ZEA MAYS* L. Poaceae.

Corn.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 1, 1948.

Collected in 1948.

167947. No. 3325. Kulak, Balikesir. June 30. Popcorn.

167948. No. 3500. *Cin Misir*. Seed store, Bursa, Bursa. July 2.

167949. No. 3193. Balikesir Province. June 29.

167950. No. 1398. Bornova, Izmir. June 5.

167951. No. 1482. Seed store, Manisa, Manisa. June 7.

167952. No. 1485. Seed store, Manisa, Manisa.

167953. No. 1497. Seed store, Manisa, Manisa. Originally from Balikesir Province.

167954. No. 1554. *Kabakivrak*. Market, Korkuteli, Antalya. May 12. Grown in village of Imrekor.167955. No. 1587. *Muhacir*. Near Korkuteli, Antalya.167956. No. 1588. *Ari Kaya*. Imrekor, Antalya.167957. No. 1640. *Misir Dari*. Manavgat, Antalya.

167958. No. 1647. Selimiye, Antalya. May 14.

167959. No. 1659. Serik, Antalya. May 14. Originally from village of Karabuynuz.

167960. No. 1680. Tropical Plant Breeding Station, Antalya, Antalya. May 14.

167961. No. 1683. Tropical Plant Breeding Station, Antalya, Antalya. Adapazari type.

167962. No. 1688. Yukari Karaman, Antalya. May 14.

167963. No. 1707. Bucak, Burdur. May 15.

167964. No. 1728. Market, Bucak, Burdur.

167965 to 167970. Osman Buku, Aydin. May 17.

167965. No. 1746.

167968. No. 1764.

167966. No. 1757.

167969. No. 1765.

167967. No. 1762.

167970. No. 1766.

167947 to 168066.—Continued

- 167971 to 167973. Aydin, Aydin. May 18.
167971. No. 1774. Originally from Antalya Province.
167972. No. 1777. Originally from Denizli.
167973. No. 1782. Roumanian type, originally from Adapazari.
- 167974 to 167976. Mugla, Mugla. May 20.
167974. No. 1822. Originally from Antalya Province.
167975. No. 1825. Originally from Dinar, Ayfon.
167976. No. 1828. Originally from Antalya Province.
167977. No. 1847. Tepearasi, Mugla.
167978. No. 1848. Dalaman, Mugla.
167979. No. 1876. Dalaman Ciftligi, Mugla. May 21.
167980. No. 1886. Seki, Fethiye, Mugla. May 22.
167981. No. 1906. Village of Kemer, Mugla. May 23.
167982. No. 1913. Village of Zeyve, Mugla.
167983. No. 1928. *Patlak Misir*. Koycegiz, Mugla. May 24.
167984. No. 1935. *Sari Misir*. Koycegiz, Mugla. May 26.
167985. No. 1988. Ephesus, Selcuk, Izmir. May 26.
167986. No. 2013. Seed store, Manisa Province. June 7. Originally from Usak, Kutahya.
167987. No. 2028. Salihli, Manisa. June 8.
167988. No. 2048. Salihli, Manisa. June 8. Originally from village of Yesilova, Burdur.
167989. No. 2115. Market, Akhisar, Manisa. June 9.
167990. No. 2147. Market, Akhisar, Manisa.
- 167991 to 167993. Seed stores, Soma, Manisa.
167991. No. 2164. Originally from village of Turgutlu, Manisa.
167992. No. 2168.
167993. No. 2179.
167994. No. 2191-B. Market, Soma, Manisa. June 9. Originally from Akhisar, Manisa.
167995. No. 2230. Kinik, Izmir. June 9.
- 167996 to 167999. Seedsman, Bergama, Izmir. June 10.
167996. No. 2297. 167998. No. 2299.
167997. No. 2298. 167999. No. 2300.
168000. No. 2360. Seed store, Istanbul, Istanbul. June 14.
168001. No. 2374. Seed store, Istanbul. June 14.
168002. No. 2512. Given by farmer in village of Meric, Edirne. June 21.
168003. No. 2525. Meric, Edirne.
- 168004 to 168009. Seed stores, Kirklareli Province. June 21.
168004. No. 2538. 168007. No. 2601.
168005. No. 2550. 168008. No. 2602.
168006. No. 2600. 168009. No. 2603.
168010. No. 2615. Seed store, Babaeski, Kirklareli. June 21.
168011. No. 2652. Village of Havza, Samsun. June 22.
168012. No. 2675. Edirne Province.
168013. No. 2678. Edirne Province.

167947 to 168066.—Continued

168014. No. 2719. Corlu, Tekirdag. June 23.
168015 to 168019. Seed stores, Tekirdag, Tekirdag. June 24.
168015. No. 2739. 168018. No. 2747.
168016. No. 2741. 168019. No. 2765.
168017. No. 2745.
168020. No. 2797. Seed store, Luleburgaz, Kirklareli. June 23. Originally from Kozan, Seyhan.
168021. No. 2808. Kesan, Edirne. June 24. Originally from Meric, Edirne.
168022 to 168030. From Canakkale Province.
168022. No. 2840. Gelibolu. June 25.
168023. No. 2857. Gelibolu.
168024. No. 2884. Seed store, Eceabat. June 25.
168025. No. 2910. Seed store, Eceabat. Grown in village of Can.
168026. No. 2950. Ezine, June 26.
168027. No. 3011. Ayvacik.
168028. No. 3022. Ayvacik.
168029. No. 3093. Can. June 27.
168030. No. 3107. Yenice.
168031. No. 3150. Seed store, Edremit, Balikesir. June 28.
168032. No. 3160. Seed store, Edremit, Balikesir.
168033. No. 3189. Balikesir, Balikesir. June 29.
168034. No. 3227.
168035. No. 3267. Bandirma, Balikesir. June 30.
168036. No. 3282. Bandirma, Balikesir. June 30.
168037 to 168039. Kulak, Balikesir. June 30.
168037. No. 3330.
168038. No. 3336.
168039. No. 3337.
168040 to 168042. From Susurluk, Balikesir. June 30.
168040. No. 3341.
168041. No. 3344.
168042. No. 3347.
168043. No. 3366. Bandirma, Balikesir. June 30.
168044 to 168049. From Mustafa Kemalpaşa, Bursa. July 1.
168044. No. 3394.
168045. No. 3400.
168046. No. 3401. Originally from village of Buk.
168047. No. 3405. Originally from Kosehoroz.
168048. No. 3421. Originally from Kariola.
168049. No. 3436. Originally from Apalgut.
168050. No. 3441. Karacabey, Bursa. July 1. Originally from Uluabat, Bursa.
168051. No. 3443. Karacabey, Bursa. Originally from Dumle.
168052. No. 3481. *Beyaz Misir*.
168053. No. 3527. Yenisehir, Bursa.

167947 to 168066.—Continued

168054. No. 3533. Umit Alan, Bursa.
 168055. No. 3533. Baskoy, Bursa.
 168056. No. 3538. *Bayir Misiri*. Catolhan, Karacabey, Bursa.
 168057 to 168060. Seed stores, Gemlik, Bursa. July 3.
 168057. No. 3593. Originally from Adapazari, Kocaeli.
 168058. No. 3596.
 168059. No. 3601.
 168060. No. 3602. Originally from Yenisehir, Ankara.
 168061 to 168063. From Adapazari, Kocaeli. July 4.
 168061. No. 3759. *Algerian*.
 168062. No. 3761. *Red Roumanian*.
 168063. No. 3764. *Sari Sert*.

168064. No. 3780. From Kabakoy, Kocaeli. July 8.
 168065. No. 3799. From Ankara, Ankara. July 8.
 168066. No. 3810. From Antioch, Hatay. Originally from Dortyol, Hatay.

168067 to 168126. *AVENA SATIVA* L. Poaceae. Common oats.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 2, 1948.

Collected in 1948.

168067. No. 1486. Seed store, Manisa, Manisa. June 7.
 168068. No. 1610. Elmali, Antalya. May 12.
 168069. No. 1631. Manavgat, Antalya. May 13.
 168070. No. 1651. Selimiye, Antalya. May 14.
 168071. No. 1660. Market, Serik, Antalya. May 14.
 168072. No. 1661. Market, Serik, Antalya. May 14. Originally from village of Ayanos, Aydin.
 168073. No. 1778. Aydin, Aydin. May 18. Local type.
 168074. No. 1829. Market, Mugla, Mugla. May 20. Originally from Soke, Aydin.
 168075. No. 1853. Dalaman Ciftligi, Mugla. May 21.
 168076. No. 1898. Fethiye, Mugla. May 22.
 168077. No. 2002. Selcuk, Izmir. May 26.
 168078. No. 2161. Near Sarihanli, Manisa. June 9.
 168079. No. 2163. Sarihanli, Manisa.
 168080. No. 2303. Bergama, Izmir. June 10.
 168081. No. 2494. Babaeski, Kirklareli. June 21.
 168082. No. 2523. Meric, Edirne.
 168083. No. 2573. Seed store, Kirklareli. June 21. Originally from Kizilcikdere.
 168084. No. 2574. Kirklareli, Kirklareli.
 168085. No. 2607. Seed store, Babaeski, Kirklareli.
 168086. No. 2682. Edirne Province. June 22.
 168087. No. 2727. Luleburgaz, Kirklareli. June 23.
 168088. No. 2844. Gelibolu, Canakkale. June 25. Originally from Bolayir.
 168089. No. 2851. Gelibolu, Canakkale.

168067 to 168126.—Continued

168090. No. 2934. Collected from field 10 km. north of Ezine, Canakkale. June 26.
168091. No. 3048. Canakkale, Canakkale. June 26. Originally from Sari-caeli.
168092. No. 3062. Canakkale, Canakkale. June 27.
168093. No. 3070. Canakkale, Canakkale. Growing wild under protection of thorny shrubs.
168094. No. 3089. Can, Canakkale.
168095. No. 3195. Ayvatlar, Balikesir. June 29.
168096. No. 3292. Bandirma, Balikesir. June 30.
168097. No. 3305. Near Okcugol, Balikesir.
168098. No. 3368. (No data.)
168099. No. 3452. Karacabey, Bursa. July 1.
168100. No. 3453. From Karacabey, Bursa.
168101. No. 3469. Apolyont, Bursa. July 1.
168102. No. 3494. *Cift Yulaf*. Seed store, Bursa, Bursa. July 2.
168103. No. 3611. Seed store, Gemlik, Bursa. July 3.
168104. No. 3616. Orhangazi, Bursa. July 3.
168105. No. 3626. Izmit, Kocaeli. July 4.
168106. No. 3787. *Sark Tulugli*. Antakya, Hatay. July 8.
- 168107 to 168126. Presented by the Toprak Office of Suphi Riza Dogukan, Muduru, Ankara. July 11.
168107. No. 3873. Pinarbasi, Konya.
168108. No. 3945. Sivrihisar, Eskisehir.
168109. No. 3984. Aksehir, Konya.
168110. No. 3985. Kadinhani, Konya.
168111. No. 3992. Adapazari, Kocaeli.
168112. No. 4004. Luleburgaz, Kirklareli.
168113. No. 4027. Azarikoy, Konya.
168114. No. 4035. Ilgin, Konya.
168115. No. 4100. Sarayonu, Konya.
168116. No. 4164. Kirklareli.
168117. No. 4171. Yildizeli, Sivas.
168118. No. 4185. Kozan, Seyhan.
168119. No. 4251. Cumra, Konya.
168120. No. 4288. Argithan, Konya.
168121. No. 4315. Afyon Province.
168122. No. 4322. Emirdag, Afyon.
168123. No. 4327. Ishakli, Afyon.
168124. No. 4333. Alpukoy, Afyon.
168125. No. 4346. Bedirli, Samsun.
168126. No. 4358. Meydan, Konya.

168127 and 168128.

From Czechoslovakia. Seeds presented by Dr. Jan Kabelik, Velke Losiny, Moravia. Received Aug. 18, 1948.

168127. *ATROPA BELLADONNA* L. Solanaceae.

Belladonna.

168128. *VALERIANA OFFICINALIS* L. Valerianaceae.

168129 to 168232. SECALE CEREALE L. Poaceae.**Rye.**

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 1, 1948.

Collected in 1948.

168129. No. 1428. Bornova, Izmir. June 5.

168130. No. 1566. Market, Korkuteli, Antalya. May 12.

168131 to 168133. Market, Aydin, Aydin. May 18.

168131. No. 1771.

168132. No. 1793. Originally from Karaman, Konya.

168133. No. 1794.

168134. No. 1824. Market, Mugla, Mugla. May 20.

168135. No. 1940. Koycegiz, Mugla. May 24.

168136. No. 1994. Selcuk, Izmir. May 26.

168137. No. 2061. Dambayli, Manisa. June 8.

168138. No. 2285. Bergama, Izmir. June 10.

168139. No. 2305. Seed vendor, Bergama, Izmir.

168140. No. 2487. Between Alpulu and Babaeski, Kirklareli. June 20.

168141. No. 2496. Babaeski, Kirklareli. June 21.

168142. No. 2516. Meric, Edirne. June 21.

168143. No. 2517. Meric, Edirne. June 21.

168144. No. 2563. Stores, Kirklareli, Kirklareli. June 21. Originally from Pasayeri, Kirklareli.

168145. No. 2579. Store, Kirklareli. Originally from Uskup, Kirklareli.

168146. No. 2606. Seed store, Babaeski, Kirklareli.

168147. No. 2639-A. Collected 15 km. east of Edirne Province. June 22.

168148. No. 2666. Havza, Samsun.

168149. No. 2669. Edirne Province. June 22.

168150. No. 2672. Edirne Province. June 22.

168151. No. 2725. Corlu, Tekirdag. June 22.

168152. No. 2748. Tekirdag Province. June 24.

168153. No. 2800. Seed store, Luleburgaz, Kirklareli.

168154. No. 2806. Kesan, Edirne. June 24.

168155 to 168162. From Canakkale Province.

168155. No. 2834. Imros Gulf. June 25.

168156. No. 2889. Seed store, Eceabat.

168157. No. 2956. Ezine. June 26.

168158. No. 2973. Ezine. June 26.

168159. No. 3058. Canakkale. June 26. Originally from Halileli, Canakkale.

168160. No. 3060. Canakkale. June 27.

168161. No. 3088. Can.

168162. No. 3114. Yenice.

168163. No. 3144. Seed store, Ayvalik, Balikesir. June 28. Originally from Biga, Canakkale.

168164. No. 3162. Seed store, Edremit, Balikesir.

168165. No. 3234. Balya, Balikesir. June 29.

168129 to 168232.—Continued

168166. No. 3242. Balikesir, Balikesir.
 168167. No. 3296. Ergili, Balikesir. June 30.
 168168. No. 3419. Market, Bursa, Bursa. July 1. Originally from Celtikei, Bursa.
 168169. No. 3471. Apolyont, Bursa. July 1.
 168170. No. 3471-A. Apolyont, Bursa. July 1.
 168171 to 168174. Seed stores, Bursa, Bursa Province. July 2.
 168171. No. 3516. Karacabey. 167173. No. 3525. Yenisehir.
 168172. No. 3524. Yenisehir. 168174. No. 3541. Orhaneli.
 168175. No. 3778. Tarsus, Icel.
 168176 to 168232. Presented by the Toprak Office of Suphi Riza Dogukan, Muduru, Ankara. July 11.
 168176. No. 3864. Hoyuk, Konya.
 168177. No. 3870. Sarimsakli, Ankara.
 168178. No. 3898. Pinarbasi, Konya.
 168179. No. 3903. Babaeski, Kirklareli.
 168180. No. 3940. Sekili, Ankara.
 168181. No. 3941. Bedirli, Samsun.
 168182. No. 3955. Argithan, Konya.
 168183. No. 3966. Bozuyuk, Bilecik.
 168184. No. 3967. Izmir Province.
 168185. No. 3968. Incesu, Kayseri.
 168186. No. 3972. Yerkoy, Yozgat.
 168187. No. 3977. Cihanbeyli, Konya.
 168188. No. 3989. Cerikli, Ankara.
 168189. No. 3990. Konya Province.
 168190. No. 4007. Himmetdede, Ankara.
 168191. No. 4009. Meydan, Konya.
 168192. No. 4011. Bolvadin, Afyon.
 168193. No. 4015. Sarioglan, Ankara.
 168194. No. 4018. Bogazliyan, Yozgat.
 168195. No. 4020. Kirklareli Province.
 168196. No. 4021. Edirne Province.
 168197. No. 4030. Cumra, Konya.
 168198. No. 4031. Bayburt, Erzurum.
 168199. No. 4041. Sarkikaraagac, Isparta.
 168200. No. 4042. Karaman, Konya.
 168201. No. 4049. Arikoren, Konya.
 168202. No. 4053. Elazig, Diyarbakir.
 168203. No. 4088. Sarayonu, Konya.
 168204. No. 4092. Yesilhisar, Ankara.
 168205. No. 4096. Sungurlu, Samsun.
 168206. No. 4097. Ayranci, Konya.
 168207. No. 4105. Askale, Erzurum.
 168208. No. 4136. Tercan, Erzurum.

168129 to 168232.—Continued

168176 to 168232.—Continued

168209. No. 4145. Kutahya Province.
 168210. No. 4161. Aksehir, Konya.
 168211. No. 4169. Emirdag, Afyon.
 168212. No. 4172. Suhut, Afyon.
 168213. No. 4188. Kirsehir, Ankara.
 168214. No. 4190. Yarma, Konya.
 168215. No. 4191. Konya Province.
 168216. No. 4196. Kemali, Erzurum.
 168217. No. 4202. Kadinhanı, Konya.
 168218. No. 4214. Kayseri Province.
 168219. No. 4218. Dinar, Afyon.
 168220. No. 4221. Nigde Province.
 168221. No. 4222. Erzurum Province.
 168222. No. 4236. Ulukisla, Konya.
 168223. No. 4243. Yildizeli, Sivas.
 168224. No. 4249. Kulukoy, Konya.
 168225. No. 4291. Cerkes, Cankiri.
 168226. No. 4316. Adapazari, Kocaeli.
 168227. No. 4317. Keskin, Ankara.
 168228. No. 4323. Pinarbasi, Konya.
 168229. No. 4324. Kaman, Kirsehir.
 168230. No. 4335. Eregli, Konya.
 168231. No. 4356. Daskiri, Afyon.
 168232. No. 4357. Afyon Province.

168233 to 168464. HORDEUM spp. Poaceae.

Barley.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 1, 1948.

Collected in 1948.

168233 and 168234. From Bornova, Izmir Province. June 5.

168233. HORDEUM VULGARE L.

No. 1378. *Deneme Tarlası*.

168234. HORDEUM DISTICHON L.

No. 1387. Originally from Ojden, Konya.

168235 to 168238. HORDEUM VULGARE L.

168235. No. 1389. Bornova, Izmir. June 5.

168236. No. 1427. Bornova, Izmir. June 5.

168237. No. 1494. Seed store, Manisa, Manisa. June 7. Local type.

168238. No. 1500. Manisa. Originally from Usak, Kutahya.

168239 to 168247. HORDEUM DISTICHON L.

168239. No. 1520. *Suriye*. Antalya, Antalya. May 11.

168240. No. 1540. Market, Uyük, Kutahya.

168241 to 168244. Korkuteli, Antalya. May 12.

168241. No. 1567. *Beyaz*.

168243. No. 1575.

168242. No. 1569. *Ak Arpa*.

168244. No. 1586. *Kara Cal Arpasi*.

168233 to 168464.—Continued

168239 to 168247.—Continued

168245. No. 1604. Emali, Antalya. May 12.

168246. No. 1612. *Alti*.

168247. No. 1626. Serik, Antalya. May 13.

168248 and 168249. *HORDEUM VULGARE* L.

168248. No. 1632. Manavgat, Antalya. May 13.

168249. No. 1676. Serik, Antalya.

168250. *HORDEUM DISTICHON* L.

No. 1689. Yukari Karaman, Antalya. May 14.

168251. *HORDEUM VULGARE* L.

No. 1705. Bucak, Burdur. May 15.

168252. *HORDEUM DISTICHON* L.

No. 1729. Market, Burdur, Burdur. Local.

168253. *HORDEUM VULGARE* L.

No. 1760. Osman Buku, Aydin. May 17.

168254 to 168256. *HORDEUM DISTICHON* L.

168254. No. 1772. Aydin, Aydin. May 18. Originally from Dinar, Afyon.

168255. No. 1776. Aydin, Aydin. May 18. Originally from Dinar, Afyon.

168256. No. 1820. Mugla, Mugla. May 20. Originally from Antalya, Antalya.

168257. *HORDEUM VULGARE* L.

No. 1849. Mugla, Mugla. Mixed mountain- and valley-grown types from Antalya, Antalya.

168258. *HORDEUM MURINUM* L.

No. 1852. Dalaman Ciftligi, Mugla. May 21.

168259 to 168273. *HORDEUM VULGARE* L.

168259 to 168265. From Mugla Province.

168259. No. 1854. Dalaman Ciftligi.

168260. No. 1862. Dalaman Ciftligi.

168261. No. 1890. Fethiye. May 22. Originally from village of Sehi.

168262. No. 1896. Village of Uzunlu.

168263. No. 1902. Village of Kemer.

168264. No. 1907. Village of Kemer.

168265. No. 1922. Koycegiz. May 24.

168266. No. 1989. Ephesus, Selcuk, Izmir. May 26.

168267 to 168273. From Manisa Province.

168267. No. 2058. Dambayli. June 8.

168268. No. 2059. Dambayli.

168269. No. 2065. Dambayli.

168270. No. 2073. Sindel.

168271. No. 2079. Salihli.

168272. No. 2138. Market, Akhisar. June 9.

168273. No. 2143. Market, Akhisar.

168274 and 168275. *HORDEUM DISTICHON* L.

168274. No. 2149. Market, Akhisar, Manisa.

168275. No. 2191. Soma, Manisa. June 9.

168233 to 168464.—Continued

168276. *HORDEUM VULGARE* L.

No. 2193. Soma, Manisa. Originally from village of Turgut Alp, Manisa.

168277. *HORDEUM BULBOSUM* L.

No. 2216. Soma, Manisa.

168278. *HORDEUM VULGARE* L.

No. 2229. Kinik, Izmir. June 9.

168279. *HORDEUM DISTICHON* L.

No. 2301. Seedsman, Bergama, Izmir. June 10.

168280 and 168281. *HORDEUM VULGARE* L.

168280. No. 2302. Seedsman, Bergama, Izmir. June 10.

168281. No. 2466. Cayirova, Kocaeli. June 18.

168282. *HORDEUM BULBOSUM* L.

No. 2474. Cayirova, Kocaeli.

168283. *HORDEUM VULGARE* L.

No. 2490. Babaeski, Kirklareli. June 21.

168284. *HORDEUM DISTICHON* L.

No. 2509. Meric, Edirne. June 21.

168285 to 168300. *HORDEUM VULGARE* L.

168285. No. 2511. Meric Edirne.

168286 to 168291. From Kirklareli Province.

168286 to 168291. Seed stores. June 21.

168286. No. 2537. Kilckdere. 168289. No. 2587. Bedre.

168287. No. 2549. Pasayeri. 168290. No. 2608. Babaeski. June 21.

168288. No. 2575. Kirklareli. 168291. No. 2614. Babaeski.

168292 to 168294. From Edirne, Edirne.

168292. No. 2642. June 22.

168293. No. 2654. June 22.

168294. No. 2670.

168295. No. 2723. Corlu, Tekirdag. June 23.

168296. No. 2726. Luleburgaz, Kirklareli. June 23. Originally from Omurca, Kirklareli.

168297 to 168300. From Tekirdag Province.

168297. No. 2736. June 24.

168299. No. 2766.

168298. No. 2759. Seed store, Muratli.

168300. No. 2779.

168301. *HORDEUM BULBOSUM* L.

No. 2782. Two-rowed type. Tekirdag Province.

168302 to 168305. *HORDEUM VULGARE* L.

168302. No. 2788. Seed store, Luleburgaz, Kirklareli.

168303. No. 2803. Seed store, Luleburgaz, Kirklareli. Grown near village of Durgutbey.

168304. No. 2809. Kesan, Edirne. June 24.

168305. No. 2826. Kesan, Edirne. June 25.

168306. *HORDEUM BULBOSUM* L.

No. 2829. Kesan, Edirne.

168233 to 168464.—Continued

168307 to 168316. *HORDEUM VULGARE* L.

From Canakkale Province.

168307. No. 2842. Gelibolu. June 25.

Originally from Bolayir.

168308. No. 2858. Gelibolu.

168309. No. 2890. Seed store, Eceabat.

168310. No. 2939.

168311. No. 2993. Ezine. June 26.

168317 to 168319. *HORDEUM BULBOSUM* L.

From Canakkale, Canakkale. June 27.

168317. No. 3065.

168318. No. 3066.

168319. No. 3071.

168320 to 168322. *HORDEUM VULGARE* L.

168320. No. 3086. Can. Canakkale.

168321. No. 3109. Yenice, Canakkale.

168322. No. 3117. Edremit, Balikesir. June 27.

168323. *HORDEUM BULBOSUM* L.

No. 3118. Edremit, Balikesir.

168324 to 168329. *HORDEUM VULGARE* L.

From Balikesir Province.

168324 to 168327. Seed stores, Ayvalik. June 28.

168324. No. 3120.

168325. No. 3127.

168326. No. 3135. Originally from Gomic, Burhaniye.

168327. No. 3139. Originally from Gomic, Burhaniye.

168328. No. 3161. Seed store, Edremit.

168329. No. 3186. Balikesir.

168330. *HORDEUM BULBOSUM* L.

No. 3202. Ayvatlar, Balikesir. June 29.

168331 to 168344. *HORDEUM VULGARE* L.

168331 to 168339. From Balikesir Province. June 30.

168331. No. 3220. *Kis Arpasi*. Balya.

168332. No. 3262. Bandirma. Originally from village of Bezirci.

168333. No. 3320. Seed store, Manyas.

168334. No. 3340. Kulak.

168335 to 168338. Market, Susurluk.

168335. No. 3346.

168336. No. 3348. Originally from Adakoy, Bursa.

168337. No. 3351.

168338. No. 3352.

168339. No. 3369. Bandirma.

168233 to 168464.—Continued**168331 to 168344.—Continued**

168340 to 168344. From Bursa Province. July 1.

168340. No. 3402. Mustafa Kemalpaşa. Originally from Tepecik, Bursa.

168341. No. 3403. Mustafa Kemalpaşa. Originally from Tepecik, Bursa.

168342. No. 3444. Karacabey.

168343. No. 3455. Karacabey.

168344. No. 3551. Seed store, Bursa.

168345 to 168347. HORDEUM DISTICHON L.

168345. No. 3570. Seed store, Bursa, Bursa.

168346. No. 3588. Seed store, Gemlik, Bursa. July 3.

168347. No. 3608. Seed store, Gemlik, Bursa.

168348 to 168353. HORDEUM VULGARE L.

168348. No. 3610. Seed store, Gemlik, Bursa.

168349. No. 3629. Izmit, Kocaeli. July 4.

168350. No. 3760. Adapazari Tohum Islah Istasyonu, Kocaeli, Kocaeli. July 4.

168351. No. 3771. Izmit, Kocaeli.

168352. No. 3774. *Kalın*. Tarsus, Icel.

168353. No. 3782. Antakya, Hatay. July 8.

168354. HORDEUM DISTICHON L.

No. 3794. Antakya, Hatay. July 8.

168355 and 168356. HORDEUM VULGARE L.

168355. No. 3796. *Erken Kemale Gelen*. Antakya, Hatay. July 8.

168356. No. 3821. Erzincan, Dörtöyl, Hatay.

168357 to 168464. Presented by the Toprak Office of Suphi Rıza Doğukan, Muduru, Ankara. July 11.**168357 to 168370. HORDEUM DISTICHON L.**

168357. No. 3842. Sekili, Ankara.

168358. No. 3849. Sincanköy, Ankara.

168359. No. 3857. Bozüyük, Bilecik.

168360. No. 3860. Fara, Samsun.

168361. No. 3861. Ulukisla, Konya.

168362. No. 3865. Afyon, Afyon.

168363. No. 3875. Coruh, Samsun.

168364. No. 3876. Iğdir, Erzurum.

168365. No. 3877. Kars, Kars.

168366. No. 3882. Ulukisla, Konya.

168367. No. 3885. Kuluköy, Konya.

168368. No. 3897. Cilbah, Ankara.

168369. No. 3899. Eregli, Konya.

168370. No. 3904. Afyon Province.

168371. HORDEUM VULGARE L.

No. 3943. Misis, Seyhan.

168233 to 168464.—Continued

168357 to 168464.—Continued

168372 to 168375. HORDEUM DISTICHON L.

168372. No. 3946. Akcakale, Diyarbakir.

168373. No. 3947. Sarayonu, Konya.

168374. No. 3948. Zile, Tokat.

168375. No. 3950. Aksehir, Konya.

168376. HORDEUM VULGARE L.

No. 3951. Veysiyi, Seyhan.

168377 to 168381. HORDEUM DISTICHON L.

167377. No. 3952. Suhut, Afyon.

168378. No. 3954. Cerkes, Ankara.

168379. No. 3956. Sinerik, Diyarbakir.

168380. No. 3958. Ayranci, Konya.

168381. No. 3959. Sarayonu, Konya.

168382. HORDEUM VULGARE L.

No. 3961. Adapazari, Kocaeli.

168383 to 168389. HORDEUM DISTICHON L.

168383. No. 3962. Karapinar, Konya.

168384. No. 3963. Kirsehir, Ankara.

168385. No. 3974. Argithan, Konya.

168386. No. 3980. Malikoy, Ankara.

168387. No. 3982. Armagan, Samsun.

168388. No. 3994. Bolvadin, Afyon.

168389. No. 3997. Ihsaniye, Afyon.

168390. HORDEUM VULGARE L.

No. 4000. Kirklareli Province.

168391. HORDEUM DISTICHON L.

No. 4005. Bismil, Diyarbakir.

168392. HORDEUM VULGARE L.

No. 4008. Balikesir Province.

168393 to 168439. HORDEUM DISTICHON L.

168393. No. 4016. Mucur, Kirsehir.

168394. No. 4019. Yerkoy, Yozgat.

168395. No. 4023. Karaman, Konya.

168396. No. 4026. Agri, Agri.

168397. No. 4028. Meydan, Konya.

168398. No. 4037. Bedirli, Samsun.

168399. No. 4043. Sefaatli, Ankara.

168400. No. 4045. Ankara Province.

168401. No. 4046. Kutahya Province.

168402. No. 4050. S. Kochisar, Ankara.

168403. No. 4082. Kayseri Province.

168404. No. 4087. Meydan, Konya.

168405. No. 4098. Ishakli, Afyon.

168233 to 168464.—Continued

168357 to 168464.—Continued

168393 to 168439.—Continued

- 168406. No. 4107. Ilgin, Konya.
- 168407. No. 4137. Yesilhisar, Ankara.
- 168408. No. 4146. Cumra, Konya.
- 168409. No. 4148. Ishakli, Afyon.
- 168410. No. 4153. Zile, Tokat.
- 168411. No. 4154. Kulukoy, Konya.
- 168412. No. 4158. Erzincan Province.
- 168413. No. 4159. Cay, Afyon.
- 168414. No. 4160. Dinar, Afyon.
- 168415. No. 4162. Mahmudiye, Afyon.
- 168416. No. 4163. Fakili, Ankara.
- 168417. No. 4167. Ilgin, Konya.
- 168418. No. 4170. Kemali, Erzurum.
- 168419. No. 4178. Haymana, Ankara.
- 168420. No. 4179. Tercan, Erzurum.
- 168421. No. 4180. Azarikoy, Konya.
- 168422. No. 4181. Kirikkale, Ankara.
- 168423. No. 4193. Cumra, Konya.
- 168424. No. 4198. Yildizeli, Sivas.
- 168425. No. 4199. Sungurlu, Samsun.
- 168426. No. 4203. Kaman, Ankara.
- 168427. No. 4205. Ihsaniye, Afyon.
- 168428. No. 4206. Kadinhani, Konya.
- 168429. No. 4207. Daskiri, Afyon.
- 168430. No. 4209. Burdur Province.
- 168431. No. 4210. Derbesiye, Diyarbakir.
- 168432. No. 4217. Cilbah, Ankara.
- 168433. No. 4224. Nigde Province.
- 168434. No. 4228. Bolvadin, Afyon.
- 168435. No. 4240. Karaman, Konya.
- 168436. No. 4241. Eregli, Konya.
- 168437. No. 4246. Cihanbeyli, Konya.
- 168438. No. 4250. Afyon Province.
- 168439. No. 4257. Pinarbasi, Kayseri.

168440. HORDEUM VULGARE L.

No. 4285. Luleburgaz, Kirklareli.

168441 to 168448. HORDEUM DISTICHON L.

- 168441. No. 4290. Cogurler, Kutahya.
- 168442. No. 4292. Develi, Kayseri.
- 168443. No. 4293. Azarikoy, Konya.
- 168444. No. 4295. Yarma, Konya.

168233 to 168464.—Continued

168357 to 168464.—Continued

168441 to 168448.—Continued

168445. No. 3202. Sarkikaraagac, Isparta.

168446. No. 4303. Sandikli, Afyon.

168447. No. 4306. Diyarbakir Province.

168448. No. 4308. Argithan, Konya.

168449. *HORDEUM VULGARE* L.

No. 4310. Osmaniye, Seyhan.

168450 to 168464. *HORDEUM DISTICHON* L.

168450. No. 4312. Himmetdede, Ankara.

168451. No. 4326. Cay, Afyon.

168452. No. 4329. Mahmudiye, Afyon.

168453. No. 4332. Artova, Tokat.

168454. No. 4336. Hoyuk, Konya.

168455. No. 4337. Aksehir, Konya.

168456. No. 4341. Elazig, Diyarbakir.

168457. No. 4345. Incesu, Kayseri.

168458. No. 4349. Cerikli, Ankara.

168459. No. 4350. Keskin, Ankara.

168460. No. 4352. Cerikli, Ankara.

168461. No. 4354. Kalecik, Ankara.

168462. No. 4355. Nigde Province.

168463. No. 4360. Erzurum Province.

168464. No. 3792. Demirkopru, Antalya.

**168465 and 168466. *SOLANUM HYPORHODIUM* A. Br. & Bouché.
Solanaceae. **Cocona.****

From Costa Rica. Seeds presented by J. L. Fennell, Inter-American Institute of Agricultural Science, Turrialba. Received Sept. 8, 1948.

168465. No. 1.

168466. No. 2. Large-fruited selection.

168467 to 168487.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 9, 1948.

168467 to 168475. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.***Gaon.* A native name for wheat.

168467 to 168470. Collected from Loharjang, Garhwal District. May 22, 1948. Altitude 8,500 feet.

168467. No. 9347-A.

168469. No. 9350-A.

168468. No. 9348-A.

168470. No. 9351-A.

168471 to 168475. Collected from Duani, Garhwal District. May 23, 1948. Altitude 6,000 feet.

168471. No. 9352-A.

168474. No. 9355-A.

168472. No. 9353-A.

168475. No. 9356-A.

168473. No. 9354-A.

168467 to 168487.—Continued

168476 to 168478. HORDEUM DISTICHON L. Poaceae.

Barley.

Jao. A native name for barley.

Collected from Gualdum, Garhwal District. May 24, 1948.

168476. No. 9357-A.

168477. No. 9358-A.

168478. No. 9359-A.

168479 to 168487. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

Gaon. A native name for wheat.

168479. No. 9360-A.

168484. No. 9366-A.

168480. No. 9361-A.

168485. No. 9367-A.

168481. No. 9363-A.

168486. No. 9368-A.

168482. No. 9364-A.

168487. No. 9655. Loharjang,
Garhwal District. May 23, 1948.

168483. No. 9365-A.

168488 to 168525.

From Nigeria. Seeds presented by D. V. Hubbard, Department of Agriculture, Zaria. Received Sept. 13, 1948.

168488 to 168493. PENNISETUM SPICATUM (L.) Willd. Poaceae. Pearl millet.

168488. *Sanyo Pearl*.168491. *Zango*. Long heads.168489. *Dauro*.168492. *Maigashi*.168490. *Mainca*.168493. *Lawur*. Short head.

168494 to 168525. SORGHUM VULGARE Pers. Poaceae.

168494. No. 197 X.

168510. No. L43 X. *Tamare*.168495. No. 193 X. *Kaura*.168511. No. L39 X. *Mori*.168496. No. 167 X. *Gusau*.168512. No. L40 X. *Mori*.168497. No. 194 X. *Dark Mori*.168513. No. L41 X. *Mori*.168498. No. 195 X. *Light Mori*.168514. No. L34 X. *Farafara*.168499. No. 192 X. *Farafara*.168515. No. L35 X. *Farafara*.

168500 to 168502. Early types.

168516. No. L36 X. *Farafara*.168500. *Twagutatagi*.168517. No. L37 X. *Farafara*.168501. *Twagutage*.168518. No. L38 X. *Farafara*.168502. *Takanda*.168519. No. L47 X. *Kyaran*.168503. No. 277 X. *Kyaran Fari*.168520. No. L44 X. *Egyan*.168504. No. 278 X. *Tagwaye*.168521. No. L45 X. *Kaura*.168505. No. 276 X. *Macafo Da Wayo*.168522. No. L46 X. *Makato*.168506. *Short Kaura*.

168523 to 168525. Sterile types.

168507. No. L12 X. *Farafara*.168523. *Plain Yergam*.168508. No. L49 X. *Gusau*.168524. *Hill Yergam*.168509. No. L42 X. *Tamare*.168525. *Sairwa*.

168526 to 168546. LUPINUS spp. Fabaceae.

Lupine.

From Portugal. Seeds presented by the Ministério da Economia, Direcção Geral dos Serviços Agrícolas, Lisbon. Received Sept. 3, 1948.

168526 to 168536. LUPINUS ANGUSTIFOLIUS L.

168526. Santarém, Estremadura.

168527. Pôrto, Entre Minho e Douro.

168528. Tavira, Faro.

168526 to 168546.—Continued

168526 to 168536.—Continued

168529. Évora, Alentejo.

168530. Braga and Viana do Castelo. Entre Minho e Douro.

168531. Bragança and Vila Real, Trás-os-Montes e Alto Douro.

168532. Lisbon. Estremadura.

168533. Beja, Alentejo.

168534. Castelo Branco, Beira Baixa.

168535. Viseu, Beira Alta.

168536. Viseu, Beira Alta.

168537. *LUPINUS HISPANICUS* Boiss. & Reut.

Braga and Viana do Castelo, Entre Minho e Douro.

168538 to 168546. *LUPINUS LUTEUS* L.

European yellow lupine.

168538. Braga and Viana do Castelo, Entre Minho e Douro.

168539. Tavira, Faro.

168540. Bragança and Vila Real, Trás-os-Montes e Alto Douro.

168541. Santarém, Estremadura.

168542. Viseu, Beira Alta.

168543. Évora, Alentejo.

168544. Castelo Branco, Beira Baixa.

168545. Pôrto, Entre Minho e Douro.

168546. Viseu, Beira Alta.

168547. *CUCURBITA PEPO* L. Cucurbitaceae.

Pumpkin.

From Mexico. Seeds collected by L. C. F. Hambly, Charlotte, N. C. Received Sept. 14, 1948.

168548. *SACCHARUM*. Poaceae.

Sugarcane.

From the Philippine Islands. Cuttings presented by S. Jamieson, Theodore Davies and Co., Manila. Received Sept. 15, 1948.

Mindanao Wild Cane.

Experimental field at Silay Central, Occidental, Negros.

168549 to 168645.

From Australia. Seeds presented by Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra. Received Aug. 31, 1948.

168549. *AMPHIBROMUS NEESII* Steud. Poaceae.

Near Perth.

168550. *ARACHIS PROSTRATA* Benth. Fabaceae.168551. *ASTRAGALUS HAMOSUS* L. Fabaceae.

Milkvetch.

168552. *ATRIplex NUMMULARIA* Lindl. Chenopodiaceae.168553. *BOTHRIochloa AMBIGUA* S. T. Blake. Poaceae.168554. *BOTHRIochloa GLABRA* (Roxb.) A. Camus.168555. *BRACHIARIA STOLONIFERA* Goossens. Poaceae.168556 to 168565. *BROMUS* spp. Poaceae.168556. *BROMUS ALBIDUS* Bieb.168557. *BROMUS ARENARIUS* Labill.

168549 to 168645.—Continued

168556 to 168565.—Continued

168558. *BROMUS ARENARIUS* Labill.

W-209.

168559. *BROMUS CAPPADOCICUS* Boiss. & Bal.168560. *BROMUS COLORATUS* Steud.

C. P. G. 6005.

168561. *BROMUS COLORATUS* Steud.

C. P. I. 9709.

168562. *BROMUS HORDEACEUS* L.168563. *BROMUS MACRANTHOS* Desv.168564. *BROMUS POPOVII* Drobov.168565. *BROMUS URUGUAYENSIS* Arech.168566. *CASUARINA CAMPESTRIS* Diels & Pritz. Casuarinaceae.168567. *CATAPODIUM TUBERCULOSUM* Moris. Poaceae.168568. *CHLORIS CARIBAEA* Spreng. Poaceae.168569. *CHRYSOPOGON LATIFOLIUS* S. T. Blake. Poaceae.168570 to 168575. *CROTALARIA* spp. Fabaceae.168570. *CROTALARIA ALATA* Buch.-Ham.168571. *CROTALARIA GOREENSIS* Guill. & Perr.168572. *CROTALARIA MAXILLARIS* Klotzsch.168573. *CROTALARIA MAXILLARIS* Klotzsch.168574. *CROTALARIA SPECTABILIS* Roth.168575. *CROTALARIA USARAMOENSIS* Baker f.168576. *CYMOPOGON BOMBYCINUS* (R. Br.) Domin. Poaceae.168577. *CYNODON DACTYLON* (L.) Pers. Poaceae.

Bermuda grass.

168578. *DACTYLOCTENIUM AEGYPTIUM* (L.) Richt. Poaceae.168579. *DANTHONIA CIRRHATA* Hack. & Arech. Poaceae.168580. *DAVIESIA CORYMBOSA* J. E. Sm. Fabaceae.168581. *DESMODIUM ADSCENDENS* (Sw.) DC. Fabaceae.168582. *DESMODIUM STIPULACEUM* DC.168583. *DESMODIUM TORTOSUM* (Sw.) DC.168584. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase. Poaceae.168585. *EHRHARTA LONGIFLORA* J. E. Sm. Poaceae.168586. *ELYMUS MULTICAULIS* Kar. & Kir. Poaceae.168587. *ERACHNE GLAUCA* R. Br. Poaceae.168588. *ERAGROSTIS MEXICANA* (Hornem.) Link. Poaceae.168589. *FESTUCA MAIREI* St. Yves. Poaceae.168590. *GASTROLOBIMUM SPINOSUM* Benth. Fabaceae.168591. *HELIOTRICHON PLANICULME* (Schrud.) Pilger. Poaceae.168592. *HORDEUM COMPRESSUM* Griseb. Poaceae.168593. *INDIGOFERA AUSTRALIS* Willd. Fabaceae.

Indigo.

168594. *KENNEDIA COCCINEA* Vent. Fabaceae.168595. *KENNEDIA PROSTRATA* R. Br.168596. *LATHYRUS APHACA* L. Fabaceae.

168549 to 168645.—Continued

168597. *LATHYRUS OCHRUS* (L.) DC.
 168598. *LATHYRUS TINGITANUS* L.
 168599. *LOLIUM PERSICUM* Boiss. & Hohen. Poaceae.
 168600. *LOLIUM MULTIFLORUM* Lam. Italian ryegrass.
 168601. *LUPINUS PILOSUS* Murray. Fabaceae. Blue lupine.
 168602. *MEDICAGO TRUNCATULA* var. *TRIBULOIDES* (Desr.) Burnat. Fabaceae.
 168603. *MELILOTUS* sp. Fabaceae.
 168604. *NEURACHNE ALOPECUROIDES* R. Br. Poaceae.
 168605. *ONOBRYCHIS OXTROPIOIDES* Boiss. Fabaceae.
 168606. *ONOBRYCHIS TRANSCAUCASICA* Grossh.
 168607 to 168609. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae. Yam bean.
 168607. C. P. I. 9217.
 168608. C. P. I. 9216.
 168609. C. P. I. 9218.
 168610. *PANICUM ANTIODOTALE* Retz. Poaceae.
 168611. *PANICUM ARECHAVALETAE* Hicken.
 168612. *PANICUM* sp.
 168613. *PASPALUM DILATATUM* Poir. Poaceae. Dallis grass.
 168614. *PENNISETUM MASSAICUM* Stapf. Poaceae.
 168615. *PHALARIS COERULESCENS* Desf. Poaceae.
 168616. *PHALARIS TUBEROSA* L.
 168617. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
 C. P. I. 5779.
 168618. *PHASEOLUS CALCARATUS* Roxb. Rice bean.
 168619. *PHASEOLUS TRINERVIUS* Heyne.
 168620. *PIPTOCHAETUM BICOLOR* (Vahl) E. Desv. Poaceae.
 168621. *POA OCHROLEUCA* Steud. Poaceae.
 168622. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
 168623. *SESBANIA EXALTATA* (Raf.) Rydb. Fabaceae.
 168624. *SESBANIA PAULENSIS* Barb.-Rodr.
 168625. *SETARIA FIEBRIGHII* Herrm. Poaceae.
 168626. *SETARIA MACROCHAETA* (Link) Schult.
 168627. *SETARIA PHRAGMITOIDES* Stapf.
 168628. *STIPA FALCATA* Hughes. Poaceae.
 168629. *STYLOSANTHES GRACILIS* H. B. K. Fabaceae.
 168630. *TEPHROSIA CANDIDA* DC. Fabaceae.
 168631. *TEPHROSIA* sp.
 168632. *THEMEDA AUSTRALIS* (R. Br.) Stapf. Poaceae. Kangaroo grass.
 168633 to 168639. *TRIFOLIUM* spp. Fabaceae.
 168633. *TRIFOLIUM ANGUSTIFOLIUM* L. Clover.
 168634. *TRIFOLIUM BALANSAE* Boiss.
 168635. *TRIFOLIUM CHERLERI* L.
 168636. *TRIFOLIUM* sp.
 168637. *TRIFOLIUM GLOMERATUM* L.

168549 to 168645.—Continued

168633 to 168639.—Continued

168638. *TRIFOLIUM SUBTERRANEUM* L.

Subterranean clover.

168639. *TRIFOLIUM* sp.168640. *UROCHLOA BOLBODES* (Steud.) Stapf. Poaceae.168641. *UROCHLOA HELOPUS* (Trin.) Stapf. *168642 to 168645. *VICIA* spp. Fabaceae.168642. *VICIA DASYCARPA* Ten.168643. *VICIA ERVILIA* (L.) Willd.168644. *VICIA LUTEA* L.168645. *VICIA SINKIANGENSIS* Kung.168646 to 168746. *TRITICUM* spp. Poaceae.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbered Sept. 1, 1948.

A collection of wheats obtained from experiment stations, from countries, or political divisions as indicated.

168646 to 168671. *TRITICUM AESTIVUM* L.

Common wheat.

168646 to 168651. From Kansas.

168646. No. 1. *Bankuti*.168649 No. 2. *Sze 'ka 'cs'*.168647. No. 2. *Bankuti*.168650. No. 17. *American*.168648. No. 1. *Sze 'ka 'cs'*.168651. *Magyarovar*, Hungary.168652. No. 490-1/2. *Klein C*. Illinois.168653. No. 1. *Klein C* (17). Illinois.168654. No. 2. *Klein C* (17). Illinois.168655. *Orillo*. Afghanistan.

168656 to 168659. From Alaska.

168656. *Teremok* H46.168658. *Erythrospermum* H46.168657. *Victory* H46.168659. *Thatcher* H46.168660. *Benoist 40*. France.168661. *Bersee*. France.168662. *Vilmorin 29*. France.

168663 to 168666. From Alaska.

168663. *Siberian 1-45*.168665. *Siberian 3-45*.168664. *Siberian 2-45*.168666. *Siberian 4-45*.168667. *Desprez 80*. France.168668. *Jubilgem*. Belgium.168669. *Côte d'*. France.168670. *Picardie*. France.168671. *Vilmorin 27*. France.

168672. *TRITICUM PERSICUM* (Boiss.) Aitch. & Hemsl.
Harbin, China.

Persian wheat.

168673 to 168679. *TRITICUM DICOCCUM* Schrank.

Emmer.

168673. *Vernal*. Wisconsin.168674. *Black Velvet*. Germany.

168646 to 168746.—Continued

168673 to 168679.—Continued

168675 to 168679. From Ethiopia.

168675. No. 16.

168678. No. 19.

168676. No. 17.

168679. No. 20.

168677. No. 18.

168680 to 168683. TRITICUM SPELTA L.

Spelt.

168680. *Bearded Spelt.* Washington.168681. *White Spring.* California.168682. *Alstroum.* Virginia.

168683. Michigan.

168684. TRITICUM MACHA Dekapr. & Men.

Kansas.

168685. TRITICUM SPHAEROCOCCUM Percival.

Kansas.

168686 to 168690. TRITICUM spp.

168686. TRITICUM sp.

168689. TRITICUM sp.

Chinese P-47-6.14. Missouri.*Senatore Capelli.*

168687. TRITICUM sp.

168690. TRITICUM sp.

Rio Negro. Argentina.*Suwon No. 95.* Suwon, Korea.

168688. TRITICUM sp.

Timstein (S990).

168691 to 168693. TRITICUM DURUM Desf.

Durum wheat.

168691. No. 4. Peru.

168692. No. 2. Peru.

168693. Noris. Palestine.

168694. TRITICUM POLONICUM L.

Polish wheat.

Ummedpur.

168695. TRITICUM DICOCCOIDES Koern.

Maryland.

168696 to 168708. From Mexico.

168696 to 167804. TRITICUM spp.

168696. TRITICUM sp.

168701. TRITICUM sp.

*Montana Selection.**Kenya 10866 Selection.*

168697. TRITICUM sp.

168702. TRITICUM sp.

*Aquilera Selection.**Pelon Colorado Selection.*

168698. TRITICUM sp.

168703. TRITICUM sp.

*Marroqui 426 Selection.**Pelon Colorado Selection.*

168699. TRITICUM sp.

168704. TRITICUM sp.

*Kenya 9906 Selection.**Queretaro Selection.*

168700. TRITICUM sp.

Marroqui 388 Selection.

168705. TRITICUM AESTIVUM L.

Common wheat.

Durum Selection.

168706. TRITICUM sp.

Candeal Selection.

168646 to 168746.—Continued

168696 to 168708.—Continued

168707 and 168708. TRITICUM AESTIVUM L.

Common wheat.

168707. *Barrigon Selection.*168708. *Barrigon Selection.*

168709 to 168746. TRITICUM AESTIVUM L.

Common wheat.

From Argentina.

168709. *Buck Claromeco.*168728. *Cheg. 89 x 5152.*168710. *Buck Quequen.*168729. *Massaux No. 1.*168711. *Kanhard Selection Buck.*168730. *Eureka F. C. S.*168712. *Klein Alberti.*168731. *Sinvalocho M. A.*168713. *Klein Amalia.*168732. *La Prevision 25.*168714. *Klein Aniversario.*168733. *38 M. A.*168715. *Klein Cometa.*168734. *Gautrache M. A.*168716. *Klein Condor.*168735. *Kanred Selection Klein.*168717. *Klein Exito.*168736. *Kanred Selection M. A.*168718. *Klein Orgullo.*168737. *Chino.*168719. *Klein Otto Wulff.*168738. *Sin Rival.*168720. *Klein Simmarq.*168739. *Egipcio.*168721. *Klein 32.*168740. *Sola 50.*168722. *Klein 157.*168741. *Klein Vencedor.*168723. *Klein H211 t 1422.*168742. *Klein Universal.*168724. *Benvenuto Inca.*168743. *Universal II.*168725. *Benvenuto 3085.*168744. *Barrukan M. A.*168726. *Alto de Sierra.*168745. *Fenix O' XIII t.*168727. *Bahiense.*168746. *Ardito.*

168747 to 168761.

From India. Seeds presented by the Kingdon-Ward Expedition, New York Botanical Garden, Bronx Park, New York, N. Y. Received Sept. 17, 1948.

Collected in the vicinity of Manipur Hills.

168747. ACER OBLONGUM Wall. Aceraceae.

KW No. 17131.

168748. ANNESLEA FRAGRANS Wall. Theaceae.

KW No. 17413.

168749. CLEMATIS sp. Ranunculaceae.

KW No. 17133.

168750. CORYDALIS sp. Papaveraceae.

KW No. 17863.

168751. ELAEAGNUS LATIFOLIA L. Elaeagnaceae.

KW No. 17025.

168752. ILEX CORALLINA Franch. Aquifoliaceae.

Coral holly.

KW No. 17040.

168753. IRIS sp. Iridaceae.

KW No. 17555.

168754. LOBELIA sp. Campanulaceae.

KW No. 17278.

168747 to 168761.—Continued

168755. *PHYLLANTHUS* sp. Euphorbiaceae.

KW No. 17214.

168756. *PRUNUS CERASOIDES* D. Don. Rosaceae.

Sikkim cherry.

KW No. 17022.

168757. *RHUS* sp. Anacardiaceae.

KW No. 17556.

168758. *RUBUS ELLIPTICUS* J. E. Smith. Rosaceae.

Yellow Himalayan raspberry.

KW No. 17065.

168759. *STACHYRUBUS HIMALAICUS* Hook. f. & Thomas. Stachyuraceae.

KW No. 17166.

168760. *VERNONIA VOLKAMERIAEFOLIA* DC. Asteraceae.

Ironweed.

KW No. 17042.

168761. (Undetermined.)

KW No. 17241.

168762 to 168806. *TRITICUM* spp. Poaceae.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases,
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,
Md. Received Sept. 11, 1948.

A collection of wheats originally obtained from Peru and Kansas.

168762 to 168802. *TRITICUM AESTIVUM* L.

Common wheat.

From Peru.

168762. N. A. 101. Cajamarca.

168763 to 168767. From Huanuco.

168763. No. 1.

168766. No. 4. N. A. 101.

168764. No. 2.

168767. *Hungaro*.

168765. No. 3.

168768. *Mentana Huacho*.168769. *C. B. O. Concepcion*.168770. *C. B. O. Concepcion*.168771. *C. B. O. Concepcion*.

168772 to 168781. From Cajamarca.

168772. No. 1. *Penamide*. San Marcos.168773. No. 2. *Mentana*. La Encanoda.168774. No. 3. *Cipra; Ursulla*. La Encanoda.168775. No. 4. *Mentana*. San Marcos.168776. No. 5. *Mentana*. Cajamarca.168777. No. 6. *Marquis Colorada*. Cajamarca.

168778. No. 7. N. A. 101. Parimarca.

168779. No. 1. *Marquis Blanco*. La Encanoda.

168780. No. 2. N. A. 101. San Marcos.

168781. No. 3. *Heldebrandes*. San Marcos.168782. No. 1. *Mentana*. Huancayo.168783. No. 2. *Hybrid*. Huancayo.168784. No. 4. *Mentana*. Huancavelica.

168762 to 168806.—Continued**168762 to 168802.—Continued****168785 to 168790.** From Cuzco.168785. No. 1. *Mentana*.168788. No. 4. *Rescote*.168786. No. 2. *Canadiense*. Paruro.168789. No. 5. *Rescote*.168787. No. 3. *Marquis*. Urubamba.168790. No. 6. *Mentana*.**168791 to 168795.** From Arequipa.168791. *Mentana*.168794. *Switzerland*.168792. *Hindu*.168795. *H44 x Marquis*.168793. *Florence Aurora 8192*.168796. *Mentana*. Moquegua.168797. *Hindu*. Moquegua.168798. *Rojo*. Moquegua.168799. No. 1. *Mentana*. Tacna.168800. No. 2. *Roho*. Tacna.168801. No. 3. *Barbo Blanca*. Tacna.

168802. Originally from Afghanistan.

168803 to 168806. TRITICUM MONOCOCCUM L.

From Kansas.

168803. No. 1.

168805. No. 3.

168804. No. 2.

168806. *Double Einkorn*.**168807.** PHORMIUM TENAX Forst. Liliaceae. **New Zealand flax.**

From Chile. Roots presented by Carlos Munoz Pizarro, Ministerio de Agricultura, Santiago. Received Sept. 23, 1948.

168808 to 168813. GOSSYPIUM HERBACEUM L. Malvaceae. **Cotton.**

From India. Seeds presented by S. J. Patel, Cotton Breeder, North Gujarat, Viramgam, Bombay. Received Sept. 23, 1948.

168808. *Wagad 8*.168811. *Persian 210*.168809. *W. 87*.168812. *Russian 3*.168810. *Kalyan*.168813. *Baluchistan 3*.**168814 to 168860.** ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Nigeria. Seeds presented by D. V. Hubbard, Department of Agriculture, Samuru, Zaria. Received Sept. 23, 1948.

168814. *Kono*.168826. *MD 362*.168815. *M'putu A*.168827. *ME 361*.168816. *Jumbq*.168828. *ME 374*.168817. *Gusau (191x)*.168829. *MF 372*.168818. *S. 38*.168830. *MG 372*.168819. *K. 38*.168831. *MG 371*.168820. *Castle Cary*.168832. *MG 372*.168821. *MAB 371*.168833. *MH 361*.168822. *MAB 376*.168834. *MH 372*.168823. *MD 321*.168835. *MH 375*.168824. *MD 351*.168836. *MH 382*.168825. *MD 261*.168837. *MH 383*.

168814 to 168860.—Continued

168838. <i>MJ</i> 371.	168850. <i>ML</i> 378.
168839. <i>MJ</i> 374.	168851. <i>ML</i> 383.
168840. <i>MK</i> 361.	168852. <i>MS</i> 372.
168841. <i>MK</i> 371.	168853. <i>MV</i> 361.
168842. <i>MK</i> 375.	168854. <i>MV</i> 371.
168843. <i>MK</i> 381.	168855. <i>MW</i> 371.
168844. <i>MK</i> 382.	168856. <i>MW</i> 375.
168845. <i>MK</i> 383.	168857. <i>MW</i> 361.
168846. <i>MK</i> 384.	168858. <i>MY</i> 361.
168847. <i>MK</i> 386.	168859. <i>MZ</i> 371.
168848. <i>ML</i> 361.	168860. Mixture.
168849. <i>ML</i> 372.	

168861 to 168871.

From Turkey. Scions collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 27, 1948.

168861 to 168863. <i>MALUS SYLVESTRIS</i> Mill. Rosaceae.	Apple.
168861. No. 4362. <i>Elma</i> . Van Province.	
168862. No. 4363. <i>Elma</i> . Amasya Province.	
168863. No. 4364. <i>Elma</i> . Erzincan Province.	
168864. <i>PRUNUS DOMESTICA</i> L. Rosaceae.	Common plum.
No. 4265. <i>Erik</i> . Local type. Van Province.	
168865. <i>PYRUS COMMUNIS</i> L. Rosaceae.	Common pear.
No. 4366. <i>Armud</i> . Van Province.	
168866. <i>PRUNUS AVIUM</i> L. Rosaceae.	Sweet cherry.
No. 4367. <i>Kiraz</i> . Local type. Van Province.	
168867 and 168868. <i>PRUNUS ARMENIACA</i> L.	Apricot.
168867. No. 4368. <i>Kayisi</i> . Local type. Van Province.	
168868. No. 4369. <i>Kayisi</i> . Malatya Province.	
168869 and 168870. <i>PRUNUS CERASUS</i> L.	Sour cherry.
168869. No. 4370. <i>Visne</i> . Local type. Van Province.	
168870. No. 4371. <i>Visne</i> . Kutahya Province.	
168871. <i>MORUS</i> sp. Moraceae.	Mulberry.
No. 4372. <i>Dut</i> . Van Province.	

168872. *GOSYPIUM RAIMONDI* Ulbr. Malvaceae.

From Peru. Seeds presented by Nemesio Vallejos, Estación Experimental Agrícola, Lima. Received Oct. 4, 1948.

168873 to 168890.

From Maryland. Plants growing at the Plant Industry Station, Beltsville, Md. Numbered Sept. 27, 1948.

A collection of citrus plants originally grown in the greenhouse of the United States Department of Agriculture, Washington, D. C.

168873 to 168878. <i>CITRUS</i> . Rutaceae.	
168873. C. P. B. 14000.	168876. C. P. B. 7484-B.
168874. C. P. B. 2813.	168877. C. P. B. 7484-C.
168875. C. P. B. 7484-A.	168878. C. P. B. 7484-D.

168873 to 168890.—Continued

168879. *PONCIRUS TRIFOLIATA* × *CITRUS SINENSIS*. Rutaceae. Willitts citrange.

168880 to 168890. *CITRUS* spp. Rutaceae.

16880. *CITRUS*.

C. P. B. 954.

168881. *CITRUS BERGAMIA* Risso.

Bergamot.

C. P. B. 2900.

168882 and 168883. *CITRUS*.

168882. C. P. B. 2901.

168883. C. P. B. 4570-C.

168884 and 168885. *CITRUS AURANTIUM* L.

Seville orange.

168884. C. P. B. *Bigeradia*.

168885. C. P. B. 11830.

168886. *CITRUS SINENSIS* (L.) Osbeck.

Orange.

C. P. B. 12992.

168887. *CITRUS AURANTIUM* L.

Seville orange.

C. P. B. 2900-E.

168888. *CITRUS AURANTIFOLIA* (Christm.) Swingle.

Lime.

C. P. B. 1158.

168889. *CITRUS SINENSIS* (L.) Osbeck.

Orange.

C. P. B. 11614.

168890. *CITRUS MEDICA* L.

Citron.

C. P. B. 11614.

168891 to 168896. *LUPINUS* spp.

From the Netherlands. Seeds presented by I. R. H. Lambert, Plant Breeding Station, Wageningen. Received Sept. 21, 1948.

168891. *LUPINUS ALBUS* L. Fabaceae.

White Lupine.

168892. *LUPINUS ANGUSTIFOLIUS* L.

Lupine.

168893 to 168896. *LUPINUS LUTEUS* L.

European yellow lupine.

168893. No. 1.

168895. No. 4.

168894. No. 2.

168896. No. 3.

168897. *LILIUM* sp. Liliaceae.

From China. Bulbs presented by the National University of Shantung, Tsingtao, Shantung. Received Sept. 25, 1948.

168898 to 168902. *SPINACIA OLERACEA* L. Chenopodiaceae.

Common spinach.

From Korea. Seeds presented by Dr. E. M. Meader, Agricultural Experiment Station, University of New Hampshire, Durham, N. H. Received Sept. 29, 1948.

168898. No. 1.

168901. No. 4.

168899. No. 2. *Kyonggi Do*.

168902. No. 5. Prickly seed.

168900. No. 3. *Nobel*.

168903 to 168905. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Wisconsin. Seeds presented by John H. Parker, Midwest Barley Improvement Association, Milwaukee. Received Sept. 30, 1948.

168903. No. 1. *Cevada*.

168903 to 168905.—Continued

168904. No. 2.

168905. No. 3. *Cevada*.168906 to 168930. *TRITICUM DURUM* Desf. Poaceae. **Durum wheat.**

From Mexico. Seeds presented by Dr. Norman E. Borlaug, Rockefeller Foundation, Mexico City. Received Sept. 30, 1948.

168906. R. F. 413-9.

168919. R. F. 418-1.

168907. R. F. 413-13.

168920. R. F. 418-14.

168908. R. F. 413-23.

168921. R. F. 418-16.

168909. R. F. 413-27.

168922. R. F. 427-12.

168910. R. F. 413-28.

168923. R. F. 427-14.

168911. R. F. 414-14.

168924. R. F. 427-17.

168912. R. F. 414-19.

168925. R. F. 427-19.

168913. R. F. 414-20.

168926. R. F. 427-30.

168914. R. F. 414-26.

168927. R. F. 563-33.

168915. R. F. 415-12.

168928. *Barrigon*. 13-1.

168916. R. F. 416-3.

168929. *Barrigon*. 26-1.

168917. R. F. 416-4.

168930. *Hante Barrington*. 413-(15-16).

168918. R. F. 417-15.

168931 and 168932. *SCORZONERA* spp. Asteraceae.

From Turkey. Seeds presented by Hikmet Konuralp, Tarim Bakanligi, Kaucuk Istasyonu, Mudurnu, Ankara. Received Sept. 28, 1948.

168931. *SCORZONERA ERIOPHORA* DC.168932. *SCORZONERA TOMENTOSA* L.168933. *PASPALUM NICORAE* Parodi. Poaceae.

From Uruguay. Seeds presented by the Estación Alejandro Gallinal, Florida. Received Oct. 15, 1948.

No. 1673.

168934. *ORYZA SATIVA* L. Poaceae.**Rice.**

From Spain. Seeds presented by the Ministry of Agriculture, La Bisbal. Received Oct. 18, 1948.

168935. *BRACHIARIA* sp. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Oct. 18, 1948.

168936. *FRAGARIA*. Rosaceae.**Strawberry.**

From England. Plants presented by East Malling Research Station, Maidstone, Kent. Received Oct. 25, 1948.

Royal Sovereign.168937. *PRUNUS CERASIFERA* Ehrh. Rosaceae. **Myrobalan plum.**

From Poland. Seeds presented by Dr. S. A. Pieniazek, Osada Palacowa, Skiernewice. Received Oct. 26, 1948.

168938. *CARICA PAPAYA* L. Papayaceae.**Papaya.**

From the Admiralty Islands. Seeds collected by Col. H. K. Baisley and presented by D. M. Crawford, Agricultural Attaché, Manila, Philippine Islands. Received Oct. 27, 1948.

Collected near Mokerang village, Los Negros Island.

168939. QUERCUS ACUTISSIMA Carruthers. Fagaceae.**Bristletooth oak.**

Tree growing at the United States Plant Introduction Garden, Glenn Dale, Md.
Numbered Oct. 27, 1948.

Of unknown origin.

168940 and 168941.

From Mexico. Seeds presented by Maximino Martinez, Mexico City. Received
Oct. 29, 1948.

168940. *IPOMOEA STANS* Cav. Convolvulaceae.

Morning-glory.

168941. *SOLANUM MARGINATUM* L. f. Solanaceae.

168942 to 168944. KERSTINGIELLA GEOCARPA Harms. Fabaceae.**Kandela-bean.**

From French West Africa. Seeds presented by R. Metger, Segou, French Sudan.
Received Oct. 21, 1948.

168942. White seeds.

168943. Black seeds.

168944. Brown seeds.

168945 to 168949. ORYZA SATIVA L. Poaceae.**Rice.**

From Spain. Seeds presented by Jose Plaja, La Bisbal, Gerona. Received Nov. 3,
1948.

168945. *Bomba*.

168948. *Precoz Verde*.

168946. *Bombilla*.

168949. *Sellent*.

168947. *Colusa* × *Nano*.

168950. AVENA SATIVA L. Poaceae.**Common oats.**

From Canada. Seeds presented by the University of Saskatchewan, Saskatche-
wan. Received Oct. 8, 1948.

Fortune.

168951. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From the Union of South Africa. Seeds presented by P. Gordon McNeil, Ofcolaco,
northern Transvaal. Received Oct. 7, 1948.

Native type.

168952 and 168953. SACCHARUM. Poaceae.**Sugarcane.**

From China. Cuttings presented by the Kwangsi Agricultural Experiment Sta-
tion, Shatang, Linchow, Kwangsi. Received Oct. 8, 1948.

168952. C. O. 290.

168953. C. P. 29-116.

168954. HEDYSARUM CORONARIUM L. Fabaceae.**Sulla.**

From Italy. Seeds presented by Ralph Germann, Food and Agriculture Organi-
zation of the United Nations, Rome. Received Oct. 8, 1948.

168955 and 168956.

From India. Bulbs collected by Walter N. Koelz, Agricultural Explorer, Bureau
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.
Received Oct. 11, 1948.

168955. *LILIUM* sp. Liliaceae.

168956. (Undetermined.)

168957 to 168959. ORYZA SATIVA L. Poaceae.**Rice.**

From Spain. Seeds presented by Jose Plaja, Gerona, Gerona Province. Received Oct. 12, 1948.

168957. *Colusa* × *Nano*.

168958. *Precoz Verde*.

168959. *Sellent*.

168960 to 170032.

From Turkey. Collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 13, 1948.

Collected in 1948; unless otherwise noted, received as seeds.

168960 to 168968. ALLIUM CEPA L. Liliaceae.**Onion.**

168960. No. 2251. Bergama, Izmir. June 10.

168961. No. 2337. Seed store, Istanbul, Istanbul. June 14. Globose type.

168962. No. 2461. *Kantartopu*. Director of the Agricultural School, Cayirova, Kocaeli. June 18. Globose type.

168963. No. 2664. Havza, Samsun. June 22.

168964. No. 2686. Havza, Samsun. June 22.

168965. No. 2970. Ezine, Canakkale. June 26.

168966. No. 3212. Balya, Balikesir. June 29.

168967. No. 3390. Market, Bursa, Bursa. July 1.

168968. No. 3735. Seed exhibit, Adapazari, Kocaeli. July 4.

168969 to 168987. ALLIUM PORRUM L.**Leek.**

168969. No. 1412. *Kartal*. Bornova, Izmir. June 5.

168970. No. 1491. *Pirasa*. Seed store, Manisa, Manisa. June 7.

168971. No. 1733. *Pirasa*. Market, Burdur, Burdur. May 15.

168972. No. 1785. Central area, Aydin Province. May 18.

168973. No. 2051. Salihli, Manisa. June 8. Local type.

168974. No. 2252. Bergama, Izmir. June 10.

168975. No. 2320. *Kartal*. Seed store, Istanbul, Istanbul. June 14.

168976. No. 2460. *Kamis Pirasa*. Cayirova, Kocaeli. June 18.

168977. No. 2560. Seed store, Kirklareli, Kirklareli. June 21.

168978. No. 2697. Havza, Samsun. June 22.

168979. No. 2954. Ezine, Canakkale. June 26.

168980. No. 2982. Ezine, Canakkale. June 26.

168981. No. 3014. Ayvacik, Canakkale. June 26.

168982. No. 3141. Seed store, Ayvalik, Balikesir. June 28.

168983. No. 3213. *Pirasa*. Balya, Balikesir. June 29.

168984. No. 3429. Bursa, Bursa. July 1.

168985. No. 3578. Seed store, Bursa, Bursa. July 2.

168986. No. 3736. Seed exhibit, Adapazari, Kocaeli. July 4.

168987. No. 3813. Antakya, Hatay. July 8.

168988 to 168994. ALLIUM SATIVUM L.**Garlic.**

Bulbs.

168988. No. 2025. *Sarmisak*. Seed store, Manisa, Manisa. June 7.

168960 to 170032.—Continued

168988 to 168994.—Continued

168989. No. 2150. Market, Akhisar, Manisa. June 9. Originally from village of Kapakli.
 168990. No. 2595. Kirklareli. June 21.
 168991. No. 2742. Seed store in Tekirdag. June 24.
 168992. No. 2837. Gelibolu, Canakkale. June 25. Originally from Istanbul, Istanbul.
 168993. No. 3009. Ayvacik, Canakkale. June 26.
 168994. No. 3148. Seed store, Ayvalik, Balikesir. June 28.

168995 to 169009. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

168995. No. 1422. Presented by the Izmir Agricultural School, Bornova, Izmir. June 5.
 168996 to 169000. From Manisa Province. June 8 and 9.
 168996. No. 2050. Salihli.
 168997. No. 2084. Akhisar.
 168998. No. 2087. Akhisar.
 168999. No. 2092. *Yaprakli*. Akhisar.
 169000. No. 2194. Market, Soma.

169001. No. 2278. Bergama, Izmir. June 10.
 169002. No. 2327. Seed store, Istanbul, Istanbul. June 14.
 169003. No. 2456. *Kok Kereviz*. Cayirova, Kocaeli. June 18.
 169004. No. 2700. Edirne, Edirne. June 22.
 169005. No. 2924. *Bas Kereviz*. Canakkale, Canakkale. June 26.
 169006. No. 2992. Ezine, Canakkale. June 26.
 169007. No. 3398. Bursa, Bursa. July 1.
 169008. No. 3577. Seed store, Bursa, Bursa. July 2.
 169009. No. 3710. Seed exhibit, Adapazari, Kocaeli. July 4.

169010 to 169013. *ASPARAGUS OFFICINALIS* L. Liliaceae. Garden asparagus.

169010. No. 1414. *Kuskonmaz*. Bornova, Izmir. June 5.
 169011. No. 2419. Market, Istanbul, Istanbul.
 169012. No. 2420. Market, Istanbul, Istanbul.
 169013. No. 2457. *Kuskonmaz Pembe*. Cayirova, Kocaeli. June 18.

169014 to 169025. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

169014. No. 1394. Bornova, Izmir. June 5.
 169015. No. 1423. Bornova, Izmir. June 5.
 169016. No. 1469. *Pazi*. Seed store, Manisa, Manisa. June 7.
 169017. No. 1553. *Pancar*. Market, Korkuteli, Antalya. May 12. Originally from village of Sulekler.
 169018. No. 1579. *Pancar*. Market, Korkuteli, Antalya. May 12. Sugar beet.
 169019. No. 1844. Market, Mugla, Mugla. June 20.
 169020. No. 2089. *Pazi*. Market, Akhisar, Manisa. June 9.
 169021. No. 2095. *Pazi*. Market, Akhisar, Manisa. June 9. Red type.
 169022. No. 2200. Market, Soma, Manisa. June 9. Red type.
 169023. No. 2246. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

168960 to 170032.—Continued

169014 to 169025.—Continued

169024. No. 2373. *Kirmizi*. Seed store, Istanbul, Istanbul. June 14. Red type.

169025. No. 2693. Edirne. June 22. Sugar beet.

169026. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.

No. 2920. Canakkale. June 26.

169027 to 169032. *BETA VULGARIS* L. Chenopodiaceae. Beet.

169027. No. 2952. Ezine, Canakkale. June 26.

169028. No. 2960. Ezine, Canakkale. June 26.

169029. No. 3224. *Pancar*. Balya, Balikesir. June 29. Originally from Calova, Czechoslovakia.

169030. No. 3395. Bursa, Bursa. July 1.

169031. No. 3580. *Pazi*. Seed store, Bursa, Bursa. July 4.

169032. No. 3709. Seed exhibit, Adapazari, Kocaeli. July 4.

169033 to 169039. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.

169033. No. 1409. *March*. Bornova, Izmir. June 5.

169034. No. 1420. *Karnabahar Erken*. Bornova, Izmir. June 5.

169035. No. 1955. *Karnabahar*. Market, Aydin, Aydin. May 17.

169036. No. 2262. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 19.

169037. No. 2319. Seed store, Istanbul, Istanbul. June 14.

169038 and 169039. Seed exhibit, Adapazari, Kocaeli. July 4. Summer type.

169038. No. 3701.

169039. No. 3751. *Kislik*.

169040 to 169055. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.

169040. No. 1411. Bornova, Izmir. June 5. Local type.

169041. No. 1797. Mugla, Mugla. May 20.

169042. No. 1953. Market, Aydin, Aydin. May 17.

169043. No. 2005. *Lahana*. Seed store, Manisa, Manisa. June 7. Local type.

169044. No. 2104. Market, Akhisar, Manisa. June 9.

169045. No. 2272. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169046. No. 2342. Seed store in Istanbul, Istanbul. June 14.

169047. No. 2464. *Bas Lahana*. Cayirova, Kocaeli. June 18.

169048. No. 2561. Seed store, Kirklareli, Kirklareli. June 21.

169049. No. 2688. Edirne, Edirne. June 22.

169050. No. 2946. Ezine, Canakkale. June 26.

169051. No. 2984. Ezine, Canakkale. June 26.

169052. No. 3008. Ayvacik, Canakkale. June 26. Originally from Bahalar.

169053. No. 3591. Gemlik, Bursa. July 3.

169054 and 169055. Seed exhibit, Adapazari, Kocaeli. July 4.

169054. No. 3737. White type.

169055. No. 3738. Black type.

169056 to 169101. *BRASSICA* spp. Brassicaceae.

169056. *BRASSICA* sp.

No. 1605. *Lahana*. Elmali, Antalya. May 12.

168960 to 170032.—Continued

169056 to 169101.—Continued

169057. *BRASSICA NIGRA* (L.) Koch.

Black mustard.

No. 1734. *Hardal*. Market, Burdur, Burdur. May 15.169058. *BRASSICA* sp.

No. 1956. Aydin, Aydin. May 17.

169059. *BRASSICA* sp.

No. 2099. Market, Akhisar, Manisa. June 9.

169060. *BRASSICA* sp.

No. 2181. Seed store, Soma, Manisa. June 9.

169061. *BRASSICA* sp.No. 2243. *Salgam*. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.169062. *BRASSICA* sp.

No. 2649. Havza, Samsun. June 22.

169063. *BRASSICA* sp.

No. 3097. Can, Canakkale. June 27.

169064. *BRASSICA* sp.

No. 3131. Seed store, Ayvalik, Balikesir. June 28.

169065. *BRASSICA* sp.No. 3205. *Lahana*. Balya, Balikesir. June 29.169066. *BRASSICA* sp.

No. 3318. Seed store, Manyas, Balikesir. June 30.

169067 to 169072. From Bursa Province.

169067. *BRASSICA* sp.

No. 3433. Mustafa Kemalpaşa. July 1. Originally from village of Ormankadi.

169068. *BRASSICA HIRTA* Moench.

White mustard.

No. 3456. Karacabey. July 1.

169069 to 169072. Seed store, Bursa. July 2.

169069. *BRASSICA* sp.169071. *BRASSICA* sp.No. 3530. *Hardal*.No. 3571. *Karnabahar*.169070. *BRASSICA* sp.169072. *BRASSICA* sp.No. 3562. *Salgam*.No. 3572. *Lahana*.169073 to 169101. *BRASSICA NAPUS* L.

Rape.

169073. No. 1383. *Kolza*. Agricultural School, Bornova, Izmir. June 5.

169074. No. 2510. Village of Meric, Edirne.

169075 to 169079. From Kirklareli Province. June 21.

169075. No. 2533. Store, Kirklareli.

169076. No. 2535. Store, Kirklareli. Winter type.

169077. No. 2581. *Yazlik*. Store, Kirklareli. Summer type.169078. No. 2582. *Kislik*. Store, Kirklareli. Winter type.

169079. No. 2621. Seed store, Babaeski.

169080. No. 2656. Havza, Samsun. June 22.

169081. No. 2671. Havza, Samsun. June 22.

169082. No. 2708. Havza, Samsun. June 22.

169083. No. 2724. Corlu, Tekirdag. June 23.

168960 to 170032.—Continued

169056 to 169101.—Continued

169073 to 169101.—Continued

169084. No. 2730. Luleburgaz, Kirklareli. June 23.

169085 to 169088. From Tekirdag Province.

169085. No. 2740. Seed store, Tekirdag. June 24.

169086. No. 2743. Seed store, Tekirdag. White type. Originally from Luleburgaz, Kirklareli.

169087. No. 2744. Seed store, Tekirdag. June 24.

169088. No. 2755. Seed store, Muratli. June 24.

169089. No. 2810. Kesan, Edirne. June 24.

169090 to 169093. From Balikesir Province.

169090. No. 3218. Balya. June 29.

169091. No. 3244. Seed store, Bandirma. June 29.

169092. No. 3263. Seed store, Bandirma. June 30.

169093. No. 3377. Bandirma. June 30.

169094 to 169099. From Bursa Province.

169094 to 169096. Mustafa Kemalpaşa. July 1. Originally from village of Azatli, Bursa.

169094. No. 3404.

169095. No. 3409.

169096. No. 3428.

169097. No. 3434. Mustafa Kemalpaşa. July 1. Originally from Dovanci.

169098. No. 3454. Karacabey. July 1.

169099. No. 3520. Seed store, Bursa. July 2.

169100. No. 3624. Izmit, Kocaeli. July 4.

169101. No. 3707. *Salga*. Seed exhibit, Adapazari, Kocaeli. July 4.

169102 to 169141. *CAPRICORN FRUTESCENS* L. Solanaceae. **Redpepper.**

169102. No. 1413. Bornova, Izmir. June 5. Originally from Samsun, Samsun.

169103. No. 1447. Seed store, Manisa, Manisa. June 7.

169104. No. 1504. *Yesil Dolmalik Biber*. Antalya Province. May 10. Green, bell-shaped.

169105. No. 1505. *Sivri*. Antalya Province. May 10. Long type.

169106. No. 1801. Mugla, Mugla. May 20.

169107 to 169113. From Manisa Province.

169107. No. 2021. Seed store, Manisa. June 7. Small, red hot type.

169108. No. 2024. Seed store, Manisa. June 7. Long type.

169109. No. 2044. Salihli. June 8.

169110. No. 2088. Market, Akhisar. June 9. Thick-fleshed type.

169111. No. 2097. *Dolmalik*. Market, Akhisar. June 9. Thick-fleshed type.

169112. No. 2098. Market, Akhisar. June 9.

169113. No. 2199. *Dolma*. Market, Soma. June 9.

169114. No. 1807. Mugla, Mugla. May 19. Spanish, hot type.

169115. No. 2211. *Dolma*. Seed store, Soma, Manisa. June 9.

168960 to 170032.—Continued

169102 to 169141.—Continued

169116 to 169118. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169116. No. 2250.

169117. No. 2253. *Aci Uzun Biber*. Bitter, long type.

169118. No. 2276. *Dolma*.

169119 to 169122. From Istanbul Province.

169119. No. 2324. *Sivri*. Seed store, Istanbul. June 14. Long type.

169120. No. 2345. *Dolmalik*. Seed store, Istanbul.

169121. No. 2371. Seed store, Istanbul. Long type.

169122. No. 2425. *Dolmalik*. Kartal. June 17.

169123. No. 2453. Cayirova, Kocaeli Province. June 18. Long type.

169124 to 169126. Seed store, Babaeski, Kirklareli. June 21.

169124. No. 2555. *Dolmalik*.

169125. No. 2626. *Dolmalik*.

169126. No. 2627. Long, yellow type.

169127. No. 2681. Edirne, Edirne. June 22.

169128 to 169133. From Canakkale Province. June 26.

169128. No. 2930. *Sivri Biber*. Canakkale. Long type.

169129. No. 2931. *Dolma*. Canakkale.

169130. No. 2944. *Dolmalik*. Ezine.

169131. No. 2963. *Dolmalik*. Ezine. Charleston type.

169132. No. 2967. *Dolmalik*. Ezine. Long type.

169133. No. 2983. *Dolmalik*. Ezine.

169134. No. 3206. Balya, Balikesir. June 29.

169135 to 169138. From Bursa Province.

169135. No. 3576. *Dolmalik*. Seed store, Bursa. July 2.

169136. No. 3581. *Sivri*. Seed store, Bursa. July 2. Long type.

169137. No. 3599. *Sivri*. Gemlik. July 3.

169138. No. 3614. *Dolmalik*. Gemlik. July 3.

169139. No. 3753. *Sivri*. Seed exhibit, Adapazari, Kocaeli. July 4. Long type.

169140. No. 3756. *Dolmalik*. Seed exhibit, Adapazari, Kocaeli. July 4.

169141. No. 3801. Antakya, Hatay. July 8. Originally from Dortyol, Hatay.

169142 to 169230. Cicer arietinum L. Fabaceae.

Chickpea.

169142. No. 1388. Bornova, Izmir. June 5.

169143 to 169148. From Antalya Province.

169143. No. 5137. *Nohut*. Market, Uyuk, village near Korkuteli. May 12. Local type.

169144. No. 1601. *Nohut*. Elmali. May 12. Originally from village of Mukren.

169145. No. 1606. Elmali. Originally from village of Yaka Ciflik.

169146. No. 1645. Selimiye. May 14.

169147. No. 1667. *Nohut*. Serik. May 14.

169148. No. 1686. Yukari Karaman. May 14.

168960 to 170032.—Continued

169142 to 169230.—Continued

169149. No. 1706. Bucak, Burdur. May 15.
 169150. No. 1731. Market, Burdur, Burdur. May 15.
 169151. No. 1737. Market, Burdur, Burdur. May 15.
 169152. No. 1770. Aydin, Aydin. May 18. Originally from village of Biyikli.
 169153 and 169154. Market, Mugla, Mugla. May 20. Originally from Davas.
 169153. No. 1821.
 169154. No. 1835.
 169155. No. 1866. Bursa, Bursa. May 21. Originally from Government Farm, Thrace, Kirklareli. Spanish type.
 169156. No. 1888. Seed store, Fethiye, Mugla. May 22. Originally from village of Sediler.
 169157. No. 1949. Cine, Aydin. May 25. Originally from Kocaeli Province.
 169158. No. 1950. Cine, Aydin. May 25. Local type.

169159 to 169165. From Manisa Province.

169159. No. 2030. Salihli. June 8.
 169160. No. 2151. Market, Akhisar. June 9.
 169161. No. 3823-C. *Nohut*. Originally from Antakya, Hatay. July 8.
 169162. No. 2152. Market, Akhisar. June 9.
 169163. No. 2153. Market, Akhisar. June 9.
 169164. No. 2154. Market, Akhisar. June 9. Spanish type.
 169165. No. 2173. Seed store, Soma. June 9.
 169166. No. 2220. Kinik, Izmir. June 9. Local type.
 169167. No. 2308. Bergama, Izmir. June 10. Spanish type.
 169168 to 169170. Seed store, Kirklareli, Kirklareli.
 169168. No. 2578. June 21. Originally from Karadihir.
 169169. No. 2562.
 169170. No. 2564. Originally from Pinarhisar.

169171. No. 2659. Havza, Samsun. June 22.
 169172. No. 2667. Edirne Province. June 22.
 169173. No. 2674. Edirne Province. June 22.
 169174. No. 2706. Edirne Province. June 22.
 169175 to 169179. Seed store, Tekirdag, Tekirdag. June 24.

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| 169175. No. 2735. | 169178. No. 2758. |
| 169176. No. 2738. | 169179. No. 2767. |
| 169177. No. 2746. | |

169180. No. 2790. Seed store in Luleburgaz, Kirklareli. June 23. Originally from village of Hamitabat.
 169181. No. 2813. Kesan, Edirne. June 24. Originally from Begendik.
 169182. No. 2841. Gelibolu, Canakkale. June 25. Originally from Burgas.
 169183. No. 2845. Gelibolu, Canakkale. June 25. Originally from Biga.
 169184. No. 2850. Gelibolu, Canakkale. June 25. Originally from Biga.

168960 to 170032.—Continued

169142 to 169230.—Continued

169185 to 169191. Seed store, Eceabat, Canakkale. June 25.

169185. No. 2888.

169186. No. 2892. Originally from Bayramic.

169187. No. 2902. Originally from Bayramic.

169188. No. 2909. Originally from Silivri, Istanbul.

169189. No. 2911. Originally from Silivri, Istanbul.

169190. No. 2912. Originally from Biga.

169191. No. 2914. Originally from Bayramic.

169192. No. 2959. Ezine, Canakkale. June 26.

169193. No. 2997. Ayvacik, Canakkale. June 26. Originally from Bahalar.

169194. No. 3087. Can, Canakkale. June 27.

169195 to 169212. Seed stores, Balikesir Province.

169195. No. 3122. Ayvalik. June 28. Originally from village of Karamkoy.

169196. No. 3124. Ayvalik.

169197. No. 3126. Ayvalik. Originally from Gonen, Burhaniye.

169198. No. 3130. Ayvalik.

169199. No. 3145. Ayvalik.

169200. No. 3158. Edremit. June 28.

169201. No. 3169. June 29.

169202. No. 3217. *Nohut*. Balya. June 29. Local type.

169203. No. 3255. Balikesir. June 29.

169204. No. 3274. Bandirma. June 30. Originally from Gonen.

169205. No. 3291. Bandirma. June 30. Originally from Gonen.

169206. No. 3294. Bandirma. Originally from Ergli, Manyas.

169207. No. 3313. Manyas. June 30. Originally from Keziksa.

169208. No. 3315. Manyas. June 30. Originally from Keziksa.

169209. No. 3317. Manyas. June 30. Originally from Keziksa.

169210. No. 3321. Kulak. June 30.

169211. No. 3327. Kulak. June 30.

169212. No. 3328. Kulak. June 30.

169213. No. 3360. Bandirma, Balikesir. June 30.

169214 to 169226. From Bursa Province.

169214. No. 3407. Mustafa Kemalpaşa. July 1. Originally from Azatli.

169215. No. 3415. Mustafa Kemalpaşa.

169216. No. 3423. Mustafa Kemalpaşa. July 1. Originally from Azatli.

169217. No. 3438. Karacabey. July 1. Spanish type.

169218. No. 3443. Karacabey. July 1. Spanish type.

169219. No. 3449. Karacabey. July 1. Spanish type.

169220. No. 3472. Seed store, Bursa. July 2. Originally from village of Dogmali.

169221. No. 3474. *Nohut*. Seed store, Bursa. July 2. Originally from village of Dogmali.

169222. No. 3532. *Nohut*. Seed store, Bursa. Originally from Ulu Dag.

168960 to 170032.—Continued

169142 to 169230.—Continued

169214 to 169226.—Continued

169223. No. 3540. Seed store, Bursa.
169224. No. 3567. *Ispanyol Nohut*. Seed store, Bursa. Spanish type from Dansan.
169225. No. 3589. Gemlik. July 3. Spanish type.
169226. No. 3607. Gemlik. July 3. Originally from Gencali.
169227. No. 3694. Seed exhibit, Adapazari, Kocaeli Province. July 4.
169228. No. 3762. Adapazari, Kocaeli Province. July 4.
169229. No. 3775. Tarsus, Icel. July 8. Originally from Fakelar.
169230. No. 3798. Antakya, Hatay. July 8.

169231. CITRUS sp. Rutaceae.

- No. 1914. Village of Zeyve, Kemer, Mugla. May 23.

169232 to 169300. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

169232. No. 1376. Bornova, Izmir. June 5.

169233 to 169239. Seed store, Manisa, Manisa. June 7.

169233. No. 1453. *Karpuz Siyah*. Dark-colored.
169234. No. 1454.
169235. No. 1458. *Yenidunya*.
169236. No. 1463. *Karpuz*. Winter type.
169237. No. 1465. Originally from Selcuk, Izmir.
169238. No. 1466.
169239. No. 1488. *Karpuz Siyah*. Dark-colored melon.

169240 to 169244. From Antalya Province.

169240. No. 1502. *Kaymakam*. Antalya. May 10.
169241. No. 1541. Market, Uyük, village near Korkuteli. May 12. Local type.
169242. No. 1621. *Kaymakam*. Antalya. May 10.
169243. No. 1652. Selimiye. May 14.
169244. No. 1672. *Karpuz*. Serik. May 15. Originally from village of Ayanos.

169245. No. 1721. Market, Burdur, Burdur. May 15.

169246 to 169248. Mugla, Mugla. May 20. Originally from village of Karaböten.

169246. No. 1809.
169247. No. 1812.
169248. No. 1819.

169249. No. 1908. Zeyve, Kemer, Mugla. May 23.

169250. No. 1925. Koycegiz, Mugla. May 24.

169251. No. 1539. *Muz*. Koycegiz, Mugla. May 24.

169252. No. 1954. Aydin. Aydin. May 17. Originally from village of Akerkoy, Aydin.

169253. No. 1963. Village of Sevketiye, Aydin.

169254. No. 1992. Ephesus, Selcuk, Izmir. May 26.

169255. No. 2009. Seed store, Manisa, Manisa. June 7.

169256. No. 2029. Salihli, Manisa. June 8.

168960 to 170032.—Continued

169232 to 169300.—Continued

169257 to 169262. From seed stores in Manisa Province. June 9.

169257. No. 2085. Manisa.

169258. No. 2112. Manisa. Winter type.

169259. No. 2132. *Dilimli*. Manisa. Originally from village of Kennes, Akhisar.

169260. No. 2133. Manisa.

169261. No. 2134. *Siyah Kadin Budu*. Manisa.

169262. No. 2182. Soma. Local type.

169263. No. 2232. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169264 to 169266. Seed store, Istanbul, Istanbul. June 14.

169264. No. 2323. *Yenidunya*.

169265. No. 2326. *Manyaz*.

169266. No. 2330. *Manyaz*.

169267. No. 2504. Meric, Edirne. June 21. Fruit dark-colored.

169268. No. 2515. Meric, Edirne. June 21. Fruit dark-colored.

169269 to 169271. Seed store, Kirklareli, Kirklareli. June 21.

169269. No. 2543.

169270. No. 2590.

169271. No. 2592.

169272. No. 2684. Edirne, Edirne. June 22.

169273. No. 2785. Seed store, Luleburgaz, Kirklareli. June 23.

169274. No. 2804. *Yenidunya*. Seed store, Luleburgaz, Kirklareli. June 23.

169275 to 169279. From Canakkale Province.

169275. No. 2876. Seed store, Eceabat. June 25.

169276. No. 2877. Seed store, Eceabat. June 25.

169277. No. 2945. Ezine. June 26.

169278. No. 3096. Can. June 27.

169279. No. 3111. Yenice. June 27.

169280 to 169286. From Balikesir Province.

169280. No. 3123. Seed store, Ayvalik. June 28.

169281. No. 3133. Seed store, Ayvalik. June 28. Originally from Izmir Province.

169282. No. 3149. Seed store, Edremit. June 28.

169283. No. 3179. June 29.

169284. No. 3188. Balikesir.

169285. No. 3215. *Yenidunya*. Balya. June 29.

169286. No. 3329. Kulak. June 30.

169287 to 169295. From Bursa Province. July 1.

169287 to 169290. Mustafa Kemalpaşa.

169287. No. 3383. *Kurba Alaca*. Fruit striped.

169288. No. 3386. *Yenidunya*.

169289. No. 3391. *Yenidunya*.

169290. No. 3393. *Kurbagi Alacasi*.

168960 to 170032.—Continued

169232 to 169300.—Continued

169287 to 169295.—Continued

169291 to 169295. Seed store, Bursa.

169291. No. 3473. *Yenidunya*.

Originally from village of Dogmali.

169292. No. 3503. *Yenidunya*. 169293. No. 3519. *Cinilikiz*.169294. No. 3547. *Cinilikiz*. 169295. No. 3552. *Yenidunya*.

169296 to 169298. Seed exhibit, Adapazari, Kocaeli. July 4.

169296. No. 3703.

169297. No. 3729.

169298. No. 3754.

169299. No. 3809. Antakya, Hatay. July 8. Originally from Dortyol.

169300. No. 3822-B. *Karasik*. Antakya, Hatay. July 8.169301 to 169313. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

169301. No. 1391. Bornova, Izmir Province. June 5.

169302 to 169312. Seed store, Manisa, Manisa. June 7.

169302. No. 1452. *Hasanbey*. 169308. No. 1479.169303. No. 1460. *Altinbas*. 169309. No. 1480. *Acem*.
Goldenhead. Persian melon.169304. No. 1464. 169310. No. 1484. *Hasanbey*.169305. No. 1468. *Kirkagac*. 169311. No. 1492. *Topatan*.

169306. No. 1476. Mixed types. 169312. No. 1499.

169307. No. 1478. *Topatan*. Originally from village of Mutevelli.
Early type.

169313. No. 1510. Bazar, Antalya. May 10.

169314 to 169318. From Korkuteli Province.

169314. *CUCUMIS SATIVUS* L.

Cucumber.

No. 1538. Market, Uyük. May 12.

169315 to 169318. *CUCUMIS MELO* L.

Muskmelon.

169315. No. 1547. Market, Uyük. May 12.

169316. No. 1557. Market, Uyük. May 12.

169317. No. 1574. *Duvelek*. Near Korkuteli. May 12.169318. No. 1583. *Karisik*. Mixed types.169319. *CUCUMIS SATIVUS* L.

Cucumber.

No. 1614. Antalya Province. May 13.

169320 to 169351. *CUCUMIS MELO* L.

Muskmelon.

169320. No. 1620. Antalya Province. May 13.

169321. No. 1717. Burdur Province. May 15.

169322. No. 1742. *Kirkagac*. Tree nursery, Burdur, Burdur. May 15.

169323. No. 1747. Aydin Province. May 17.

169324 to 169327. From Mugla Province.

169324. No. 1813. Mugla. May 20.

169325. No. 1814. Mugla. May 20.

169326. No. 1818. Mugla. May 20.

169327. No. 1930. *Koycegiz*. May 24.

168960 to 170032.—Continued

169320 to 169351.—Continued

169328. No. 1958. Omurlu, Aydin. May 17.
 169329. No. 1961. Kosk, Aydin. May 17.
 169330 to 169334. From Manisa Province. June 9.
 169330. No. 2113. *Hasanbey*. Market, Akhisar.
 169331. No. 2135. *Altinbas*. Market, Akhisar.
 169332. No. 2136. *Suleymanli*. Market, Akhisar.
 169333. No. 2169. *Kirkagac*. Seed store, Soma. Famous melon of Turkey.
 169334. No. 2197. Market, Soma.
 169335. No. 2235. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
 169336. No. 2338. *Topatan*. Istanbul, Istanbul. June 14.
 169337. No. 2340. *Kavun Meri*. Istanbul.
 169338. No. 2347. Istanbul. Mixed types.
 169339. No. 2529. *Kirkagac*. Meric, Edirne. June 21.
 169340. No. 2544. Kirklareli, Kirklareli. June 21.
 169341. No. 2591. *Topatan*. Kirklareli. June 21.
 169342. No. 2663. Havza, Samsun. June 22.
 169343. No. 2698. Edirne, Edirne. June 22.
 169344. No. 2787. *Kirkagac*. Seed store, Luleburgaz, Kirklareli. June 23.
 169345 to 169348. Seed stores, Eceabat, Canakkale. June 25.
 169345. No. 2879. 169347. No. 2881.
 169346. No. 2880. 169348. No. 2885. Mixture.
 169349. No. 2903. Seed store, Canakkale, Canakkale. June 25.
 169350. No. 2921. Mayor's garden, Canakkale. June 26.
 169351. No. 2923. Mayor's garden, Canakkale. June 26.

169352. *CUCUMIS SATIVUS* L.

Cucumber.

No. 2929.

169353 to 169374. *CUCUMIS MELO* L.

Muskmelon.

169353. No. 2932.

169354 to 169357. Canakkale Province.

169354. No. 2978. Ezine. June 26.

169355. No. 2998. Ayvacik. June 26.

169356. No. 3102. Can. June 27.

169357. No. 3112. Yenice. June 27.

169358 to 169363. Seed stores, Balikesir Province. June 28 to 30.

169358. No. 3121. Ayvalik.

169362. No. 3187. *Hasanbey*.
Balikesir.

169359. No. 3156. Edremit.

Mixed types.

169363. No. 3231. *Hasanbey*.
Balya.

169360. No. 3174. Balikesir.

169361. No. 3175. Balikesir.

169364. No. 3323. Village of Kulak, Balikesir. June 30.

169365. No. 3326. Village of Kulak, Balikesir. June 30.

169366 to 169372. From Bursa Province.

169366. No. 3382. Mustafa Kemalpaşa. July 1.

168960 to 170032.—Continued

169353 to 169374.—Continued

169366 to 169372.—Continued

169367. No. 3410. Mustafa Kemalpaşa. July 1.

169368. No. 3495. *Hasanbey*. Seed store, Bursa. July 2.169369. No. 3501. *Topatan*. Seed store, Bursa. Originally from Armut.169370. No. 3590. *Kirkagac*. Gemlik. July 3.169371. No. 3592. *Kis Kavun*. Gemlik. July 3.169372. No. 3606. *Citili Kavun*. Gemlik. July 3.

169373. No. 3704. Seed exhibit, Adapazarı, Kocaeli. July 4.

169374. No. 3805. Antakya, Hatay. July 8. Originally from Dortyol.

169375 to 169403. *CUCUMIS SATIVUS L.*

Cucumber.

169375. No. 1408. *Acur*. Bornova, İzmir. June 5. Long type.169376. No. 1959. *Acur*. Omurlu, near Aydın, Aydın. May 17. Long type.169377. No. 2105. *Uzun Salatalik*. Market, Akhisar, Manisa. June 9. Long type.

169378 and 169379. Garden of Ali Kucuk Kirca, Bergama, İzmir. June 10.

169378. No. 2267.

169379. No. 2268. Long type.

169380 to 169384. From Istanbul, Istanbul.

169380. No. 2321. Seed store. June 14.

169381. No. 2343. *Cengerkoy*. June 14.

169382. No. 2344. Long type.

169383. No. 2353. Long type.

169384. No. 2426. *Cengerkoy*. June 17. Long type.169385. No. 2449. *Langa Hiyari*. Presented by Director of Agricultural School, Cayirova, Kocaeli. June 18.

169386. No. 2545. Seed store, Kirklareli, Kirklareli. June 21.

169387. No. 2629. Seed store, Babaeski, Kirklareli. June 21.

169388. No. 2972. Ezine, Canakkale. June 26.

169389. No. 2689. Presented by the Director of Agriculture, Edirne, Edirne. June 22.

169390 to 169393. From Canakkale Province.

169390. No. 2994. Ezine, June 26.

169391. No. 2861. Gelibolu. June 25.

169392. No. 2962. Gelibolu. June 25.

169393. No. 2965. Gelibolu. June 25.

169394. No. 3378. Mustafa Kemalpaşa, Bursa. July 1. Small type.

169395. No. 3379. Mustafa Kemalpaşa, Bursa. July 1. Long type.

169396. No. 3023. Ayvacik, Canakkale. June 22.

169397. No. 3573. Seed store, Bursa, Bursa. July 2. Originally from Afyon, Afyon.

169398 to 169401. Seed exhibit, Adapazarı, Kocaeli. July 4.

169398. No. 3699. *Dikenli*.169400. No. 3734. *Badem*.

169399. No. 3705.

169401. No. 3744. *Langa*.

169402. No. 3802. Antakya, Hatay. July 8. Originally from Dortyol.

169403. No. 3822. Antakya, Hatay. July 8. Originally from Dortyol.

168960 to 170032.—Continued

- 169404 to 169407. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. **Squash.**
 169404. No. 1467. *Kestane*. Seed store, Manisa, Manisa. June 7.
 169405. No. 1929. *Bal Kabagi*. Koycegiz, Mugla. May 24.
 169406. No. 2364. *Kabak Helvaci*. Seed store, Istanbul, Istanbul. June 14.
 169407. No. 3712. *Kabak Beyaz*. Seed exhibit, Adapazari, Kocaeli. July 4.
- 169408 to 169415. *CUCURBITA MOSCHATA* Duchesne. **Cushaw.**
 169408. No. 1424. *Bal Kabagi*. Agricultural School, Bornova, Izmir. June 5.
 169409. No. 1623. *Bal Kabagi*. Antalya, Antalya. May 13.
 169410. No. 2111. Market, Akhisar, Manisa. June 9. Sweet type.
 169411. No. 2124. *Kestane Kabagi*. Market, Akhisar, Manisa. June 9.
 169412. No. 2233. *Tatli*. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Sweet type.
 169413. No. 3184. Seed store, Balikesir, Balikesir. June 29.
 169414. No. 3387. Mustafa Kemalpassa, Bursa. July 1. Black type.
 169415. No. 3615. Gemlik, Bursa. July 3.
- 169416 to 169478. *CUCURBITA PEPO* L. **Pumpkin.**
 169416. No. 1404. *Sakiz Kabak*. Agricultural School, Bornova, Izmir. June 5.
 169417. No. 1461. Seed store, Manisa, Manisa. June 7.
 169418. No. 1462. *Kabak Girit*. Seed store, Manisa. June 7. Originally from Crete.
 169419. No. 1475. Seed store, Manisa. June 7. Originally from Crete.
- 169420 to 169424. From Antalya Province.
 169420. No. 1508. Antalya. May 10.
 169421. No. 1539. Uyük, village near Korkuteli. May 12.
 169422. No. 1542. *Ak Kabak*. Market, Korkuteli. May 12. Long white type.
 169423. No. 1603. *Bahce*. Elmali. May 12.
 169424. No. 1617. *Sakiz Kabagi*. Antalya. May 13.
169425. No. 1741. *Ufak Kabak*. Tree nursery, Burdur, Burdur. May 15. Small type.
 169426. No. 1732. *Dolmalik*. Market, Burdur. May 15.
 169427. No. 1768. Osman Buku, Aydin. May 17.
 169428. No. 1838. Market, Mugla, Mugla. May 20.
 169429. No. 1841. Market, Mugla. Mixed types.
 169430. No. 1878. May 21.
 169431. No. 1943. *Sakiz Kabagi*. Koycegiz, Mugla. May 24. Sweet type.
 169432. No. 1951. *Dolmalik*. Village of Aslanli, Aydin. May 17.
 169433. No. 1960. Aydin, Aydin. May 17.
- 169434 to 169437. Market, Akhisar, Manisa. June 9.
 169434. No. 2081. *Kara Kabak*. 169436. No. 2117. *Sakiz Kabak*.
 Black type. 169437. No. 2120. *Pestel Kabak*.
 169435. No. 2116. *Bal Kabak*.
- 169438 to 169442. Seed stores and markets, Soma, Manisa Province. June 9.
 169438. No. 2167. Originally from Siman, Balikesir.
 169439. No. 2177. *Galle Kabak*. Local type.

168960 to 170032.—Continued

169416 to 169478.—Continued

169438 to 169442.—Continued

169440. No. 2188.

169441. No. 2196. *Bogunler*.169442. No. 2205. *Sakiz Kabak*.169443. No. 2242. *Tezee*. Garden of Ali Kucuk Kirca, Bergama, Izmir.
June 10. Early type.169444. No. 2271. *Rccel Kabak*. Garden of Ali Kucuk Kirca, Bergama,
Izmir. June 10.169445. No. 2329. *Sakiz Kabak*. Seed store, Istanbul, Istanbul. June 14.

169446. No. 2359. Seed store, Istanbul. June 14.

169447. No. 2428. *Kolsus Sakiz*. Kartal, Istanbul. June 17.169448. No. 2447. *Sakiz Kabagi*. Agricultural School, Cayirova, Kocaeli.
June 18.

169449 to 169452. Seed stores, Kirklareli, Kirklareli. June 21.

169449. No. 2539. *Bal Kabak*. 169451. No. 2568.169450. No. 2552. *Dolmalik*. 169452. No. 2593. *Kara Kabak*.169453. No. 2632. *Sakiz Kabak*. Seed store, Babaeski, Kirklareli. June 21.169454. No. 2680. *Sakiz Kabak*. Edirne, Edirne. June 22.169455. No. 2699. *Kara Kabak*. Edirne, Edirne. June 22.169456. No. 2786. *Kestane*. Seed store, Luleburgaz, Kirklareli. June 23.169457. No. 2802. *Sakiz Kabak*. Seed store, Luleburgaz, Kirklareli. June
23.

169458 to 169463. From Canakkale Province.

169458. No. 2866. *Sakiz Kabak*. Gelibolu. June 25.

169459. No. 2867. Gelibolu. June 25.

169460. No. 2926. *Sakiz Kabak*. Mayor's garden, Canakkale.

169461. No. 2948. Ezine. June 26.

169462. No. 2988. *Sakiz Kabak*. Ezine. June 26.

169463. No. 3103. Can. June 27.

169464 to 169468. From Balikesir Province.

169464. No. 3180. *Kara Kabak*. Balikesir. June 29. Black type.169465. No. 3232. *Dolmalik*. Balya. June 29. Originally from Calova.169466. No. 3284. Bandirma. June 30. Originally from Istanbul,
Istanbul.

169467. No. 3290. Bandirma. June 30. Originally from Istanbul.

169468. No. 3333. Kulak. June 30. Large type.

169469 to 169474. From Bursa Province.

169469. No. 3385. *Sakiz Kabak*. Mustafa Kemalpaşa. July 1.169470. No. 3396. *Kestane*. Mustafa Kemalpaşa. July 1.

169471. No. 3397. Mustafa Kemalpaşa. July 1. White type.

169472. No. 3480. *Sakiz Kabak*. Seed stores, Bursa. July 12.

169473. No. 3517. Bursa. Originally from Ulu Dag.

169474. No. 3575. *Sakiz Kabak*. Seed store, Bursa.169475. No. 3711. *Sakiz Kabak*. Seed exhibit, Adapazari, Kocaeli. July 4.169476. No. 3748. *Kara Kabak*. Seed exhibit, Adapazari, Kocaeli. July 4.

168960 to 170032.—Continued

169416 to 169478.—Continued

169477. No. 3812. *Dolmalik*. Antakya, Hatay. July 4. Originally from Dortyol.

169478. No. 3822-A. Antakya, Hatay.

169479 to 169491. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

169479. No. 1425. Agricultural School, Bornova, Izmir. June 5.

169480. No. 1839. Market, Mugla, Mugla. May 20.

169481. No. 2090. Market, Akhisar, Manisa. June 9.

169482. No. 2198. Market, Soma, Manisa. June 9.

169483. No. 2231. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169484. No. 2357. Istanbul, Istanbul. June 14.

169485. No. 2416. Flower market, Istanbul.

169486. No. 2625. Seed store, Babaeski, Kirklareli. June 21.

169487. No. 2701. Edirne, Edirne. June 22.

169488. No. 2941. Ezine, Canakkale. June 26.

169489. No. 2964. Ezine, Canakkale. June 26.

169490. No. 3583. Seed store, Bursa, Bursa. July 2. Originally from Bilecik Province.

169491. No. 3739. Seed exhibit, Adapazari, Kocaeli. July 4.

169492 to 169516. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

169492. No. 1472. *Marul*. Seed store, Manisa, Manisa. June 7.

169493. No. 1509. *Marul*. Antalya, Antalya. May 10.

169494. No. 1722. Market, Burdur, Burdur. May 15.

169495. No. 1769. Osman Buku, Aydin. May 17.

169496. No. 1843. Mugla, Mugla. May 20. Local type.

169497. No. 2040. *Marul*. Salihli, Manisa. June 8.

169498. No. 2053. Salihli, Manisa. June 8.

169499. No. 2107. Market, Akhisar, Manisa. June 9.

169500. No. 2265. *Kivircik Marul*. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Curly leaves.

169501. No. 2266. *Yedikule Marul*. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169502 to 169505. Seed stores and market in Istanbul, Istanbul. June 14.

169502. No. 2331. 169504. No. 2354. Head type.

169503. No. 2332. Head type. 169505. No. 2355. Leafy type.

169506 and 169507. Director of Agricultural School, Cayirova, Kocaeli. June 18.

169506. No. 2452. *Yesil Salata Kirmizi*. Red-headed type.

169507. No. 2454. *Yesil Salata Kivircik*.

169508. No. 2557. Seed store, Kirklareli, Kirklareli. June 21. Originally from Asilbeyli.

169509. No. 2631. Seed store, Babaeski, Kirklareli. June 21.

169510. No. 2969. *Marul*. Ezine, Canakkale. June 26.

169511. No. 2989. *Kivircik*. Ezine, Canakkale. June 26. Curly leaves.

169512. No. 2990. Ezine, Canakkale. June 26.

169513. No. 3183. Balikesir, Balikesir. June 29. Black-seeded type.

168960 to 170032.—Continued

169492 to 169516.—Continued

169514. No. 3210. Balya, Balikesir. June 29.

169515. No. 3755. Seed exhibit, Adapazari, Kocaeli. July 4.

169516. No. 3811. Antakya, Hatay. July 8.

169517 to 169564. LENS CULINARIS Medic. Fabaceae.

Lentil.

169517. No. 1375. Agricultural School, Bornova, Izmir. June 5.

169518. No. 1608. *Mercimek*. Elmalı, Antalya. May 12.

169519. No. 1649. Village of Selimiye, Antalya. May 14.

169520. No. 1691. *Mercimek*. Village of Yukari Karman, Antalya. May 14.

169521. No. 1718. Market, Burdur, Burdur. May 15.

169522. No. 1861. Mugla, Mugla. May 21.

169523. No. 1932. *Mercimek*. Koycegiz, Mugla. May 24.

169524. No. 1948. Cine, Aydin. May 25. Originally from Tekirdag Province.

169525. No. 1995. Ephesus, Selcuk, Izmir. May 26.

169526. No. 2042. Salihli, Manisa. June 8.

169527. No. 2158. Market, Akhisar, Manisa. June 9. Originally from Antalya Province.

169528. No. 2311. Bergama, Izmir. June 10.

169529. No. 2508. Meric, Edirne. June 21.

169530. No. 2521. Meric, Edirne. June 21.

169531. No. 2580. Seed store, Kirklareli. June 21.

169532. No. 2620. *Mercimek*. Seed store, Babaeski, Kirklareli. June 21.

169533. No. 2651. Havza, Samsun. June 22.

169534. No. 2668. Director of Agriculture, Edirne, Edirne. June 22.

169535. No. 2751. Tekirdag Province. June 24. Originally from Tavsanlı, Kutahya.

169536. No. 2762. Seed store, Mulatli, Tekirdag. June 24.

169537. No. 2752. Seed store, Mulatli, Tekirdag. June 24.

169538. No. 2794. Seed store, Luleburgaz, Kirklareli. June 23. Originally from Tasli.

169539. No. 2799. Seed store, Luleburgaz, Kirklareli. Originally from Umurca. June 24.

169540. No. 2763. Seed store, Mugla, Mugla.

169541. No. 2816. Kesan, Edirne. June 24. Originally from Kucuk Dogance.

169542. No. 2927. Mayor's garden, Canakkale, Canakkale. June 26.

169543. No. 2929-A. Mayor's garden, Canakkale. June 26.

169544. No. 2962. Ezine, Canakkale. June 26.

169545 to 169554. From Balikesir Province.

169545. No. 3168. Balikesir. June 29. Originally from Babakoy.

169546 to 169549. Seed store, Balikesir.

169546. No. 3171.

169548. No. 3177.

169547. No. 3173.

169549. No. 3190.

169550. No. 3219. Balya. June 29.

169551. No. 3243. Seed store, Balikesir.

168960 to 170032.—Continued

169517 to 169564.—Continued

169545 to 169554.—Continued

169552. No. 3271. Bandirma. June 30. Originally from vicinity of the Black Sea.

169553. No. 3279. Bandirma. Originally from Sivas, Sivas Province.

169554. No. 3363. Bandirma. June 30.

169555 to 169561. Seed stores, Bursa, Bursa. July 2.

169555. No. 3489. *Mercimek*. Originally from Dogmali.

169556. No. 3523. Originally from Gokce Viran. Red type.

169557. No. 3529. Originally from Bursa Valley.

169558. No. 3557.

169559. No. 3566. *Akcabas*. Originally from Burunlu.

169560. No. 3569. Originally from Orhaneli.

169561. No. 3574. Originally from Orhaneli.

169562. No. 3785. Antakya, Hatay. July 8. Originally from Bahzin.

169563. No. 3808. Antakya, Hatay. Originally from Dortyol.

169564. No. 3823-A. Antakya, Hatay.

169565 to 169590. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

169565. No. 1405. *Balkan*. Agricultural School, Bornova, Izmir. June 5.

169566. No. 1419. Agricultural School, Bornova, Izmir. Local type.

169567. No. 1470. Seed store in Manisa, Manisa. June 7. Local type.

169568. No. 1503. Director of Agriculture, Antakya, Hatay. May 10. Local type.

169569. No. 1957. Aydin, Aydin. May 17.

169570. No. 2052. Salihli, Manisa. June 8. Local type.

169571. No. 2093. *Dolmalik*. Market, Akhisar, Manisa. June 9.

169572. No. 2207. Market, Soma, Manisa. Local type.

169573. No. 2210. *Dolmalik*. Market, Soma, Manisa. Local type.

169574 and 169575. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169574. No. 2269.

169575. No. 2270. *Tezee*. Early type.

169576. No. 2335. *Sirik*. Seed store, Istanbul, Istanbul. June 14.

169577. No. 2358. Seed store, Istanbul. June 14.

169578. No. 2458. *Kir Domatesi*. Director of Agricultural School, Cayirova, Kocaeli. June 18. Pole type.

169579 and 169580. Seed store, Kirklareli, Kirklareli. June 21.

169579. No. 2556. Local type.

169580. No. 2594.

169581. No. 2630. Seed store, Babaeski, Kirklareli. June 21. Pole type.

169582. No. 2691. Director of Agriculture, Edirne, Edirne. June 22.

169583. No. 2795. Seed store, Luleburgaz, Kirklareli. June 23.

169584. No. 2863. Gelibolu, Canakkale. June 25.

169585. No. 3003. Ayvacik, Canakkale. June 26. Originally from Bahalar.

169586. No. 3381. Mustafa Kemalpaşa, Bursa. July 1.

169587. No. 3564. Seed store in Bursa, Bursa. July 2.

168960 to 170032.—Continued

169565 to 169590.—Continued

169588. No. 3587. *Dolmalik*. Gemlik, Bursa. July 3. Local type.
 169589. No. 3747. *Sirik*. Seed exhibit, Adapazari, Kocaeli. July 4. Pole type.
 169590. No. 3749. *Kir*. Seed exhibit, Adapazari, Kocaeli.

169591 to 169599. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.

169591. No. 1789. Aydin, Aydin. May 18.
 169592. No. 2208. Market, Soma, Manisa. June 9.
 169593. No. 2249. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
 169594. No. 2377. Seed store, Istanbul, Istanbul. June 14.
 169595. No. 2554. Seed store, Asilbazli, Kirklareli. June 21.
 169596. No. 2694. Director of Agriculture, Edirne, Edirne. June 22.
 169597. No. 2861. Gelibolu, Canakkale. June 25.
 169598. No. 2953. Ezine, Canakkale. June 26.
 169599. No. 3750. Seed exhibit, Adapazari, Kocaeli. July 4.

169600 to 169610. *PISUM SATIVUM* L. Fabaceae. Pea.

169600. No. 1400. Agricultural School, Bornova, Izmir. June 5.
 169601. No. 1999. *Bezelya*. Ephesus, Selcuk, Izmir. May 26.
 169602. No. 2118. Market, Akhisar, Manisa. June 9.
 169603. No. 2187. Market, Soma, Manisa.
 169604. No. 2234. *Seker*. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
 169605. No. 2244. Garden of Ali Kucuk Kirca, Bergama, Izmir.
 169606. No. 2367. Seed store, Istanbul, Istanbul. June 14. Flowering type.
 169607 and 169608. Director of Agricultural School, Cayirova, Kocaeli. June 18.
 169607. No. 2445. *Araka*.
 169608. No. 2480. *Bezelya Yesil*.
 169609. No. 3392. Mustafa Kemalpaşa, Bursa. July 1.
 169610. No. 3765. Adapazari, Kocaeli. July 4.

169611 to 169638. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

169611. No. 1415. *Kirmizi Turp Uzun*. Agricultural School, Bornova, Izmir. June 5. Long red type.
 169612. No. 1550. *Turp*. Market, Korkuteli, Antalya. May 12. Originally from village of Sulekler.
 169613. No. 1591. Elmali, Antalya. May 12. Local type.
 169614. No. 1618. Director of Agriculture, Antalya, Antalya. May 13.
 169615. No. 1622. Director of Agriculture, Antalya, Antalya. May 13. Originally from Istanbul, Istanbul.
 169616. No. 1786. Aydin, Aydin. May 18. Small, round red type.
 169617. No. 1837. *Turp Ve Salgam*. Mugla, Mugla.
 169618. No. 2023. *Kara Turp*. Seed store, Manisa, Manisa. June 7. Black type.
 169619. No. 2096. Market, Akhisar, Manisa. June 9. Large, dark type.

168960 to 170032.—Continued

169611 to 169638.—Continued

169620 and 169621. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Long, summer type.

169620. No. 2273.

169621. No. 2274.

169622. No. 2376. Seed store, Istanbul, Istanbul. June 14.

169623. No. 2455. *Bayir Turpu*. Agricultural School, Cayirova, Kocaeli. June 18.

169624. No. 2567. Seed store, Kirklareli, Kirklareli. June 21. Red.

169625. No. 2696. Director of Agriculture, Edirne, Edirne. June 22.

169626. No. 2792. Seed store, Luleburgaz, Kirklareli. June 23. White.

169627. No. 3896. Seed store, Canakkale, Canakkale. June 25. Originally from village of Kepez.

169628. No. 2968. Ezine, Canakkale. June 26. Red.

169629. No. 2987. Ezine, Canakkale. June 26.

169630. No. 3143. Seed store, Ayvalik, Balikesir. June 28. Mixed types.

169631. No. 3228. Balya, Balikesir. June 29.

169632. No. 3384. Mustafa Kemalpaşa, Bursa. July 1. Red.

169633. No. 3388. Mustafa Kemalpaşa, Bursa. July 1. White.

169634. No. 3563. Seed store, Bursa, Bursa. July 2. Red.

169635. No. 3565. Bursa, Bursa.

169636 to 169638. Seed exhibit, Adapazari, Kocaeli. July 4.

169636. No. 3700. Red.

169637. No. 3733. White.

169638. No. 3752. Black.

169639 to 169667. SOLANUM MELONGENA L. Solanaceae.

Eggplant.

169639. No. 1410. *Bostan*. Agricultural School, Bornova, Izmir. June 5. Round type.

169640. No. 1417. *Kemer*. Agricultural School, Bornova, Izmir. Long type.

169641. No. 1448. Seed store, Manisa, Manisa. June 7.

169642. No. 1792. Aydin, Aydin. May 18. Long, thick type. Local.

169643. No. 1802. Director of Agriculture, Mugla, Mugla. May 19. Round.

169644. No. 1909. Zeyve, Kemer, Mugla. May 23.

169645 to 169648. From Manisa Province.

169645. No. 2020. *Bostan*. Seed store, Manisa. June 7. Round type.

169646. No. 2037. Office of Agriculture Teacher, Salihli. June 8.

169647. No. 2103. *Kemer*. Market, Akhisar. June 9.

169648. No. 2195. Market, Soma. Long type.

169649 to 169652. From Izmir Province.

169649 to 169651. Garden of Ali Kucuk Kirca, Bergama. June 10.

169649. No. 2258. *Topatan*. Round type.

169650. No. 2259. Local type.

169651. No. 2260. Originally from Izmir, Izmir.

169652. No. 2261. *Alacali*. Striped type.

169653. No. 2328. *Bostan*. Seed store, Istanbul, Istanbul. June 14.

168960 to 170032.—Continued

169639 to 169667.—Continued

169654. No. 2333. *Kemer*. Seed store, Istanbul, Istanbul. June 14. Long type.
169655. No. 2427. *Kemer*. Kartal, Istanbul.
169656. No. 2465. *Kemer*. Director of Agricultural School, Cayirova, Kocaeli. June 18.
169657. No. 2559. Seed store, Kirklareli, Kirklareli. June 21.
169658. No. 2628. Seed store, Babaeski, Kirklareli.
169659. No. 2687. Director of Agriculture. Edirne, Edirne. June 22.
- 169660 to 169663. From Ezine, Canakkale. June 26.
169660. No. 2940. 169662. No. 2971.
169661. No. 2966. 169663. No. 2981. Black type.
169664. No. 3015. Ayvacik, Canakkale. June 26.
169665. No. 3600. *Kemer*. Seed store, Bursa, Bursa. Taysi. July 2.
169666. No. 3743. *Bostan*. Seed exhibit, Adapazari, Kocaeli. July 4.
169667. No. 3746. Seed exhibit, Adapazari, Kocaeli. July 4.
- 169668 to 169691. *SPINACIA OLERACEA* L. *Chenopodiaceae*. **Common spinach.**
169668. No. 1418. *Dikensiz*. Agricultural School, Bornova, Izmir. June 5. Spineless type.
169669. No. 1455. Seed store, Manisa, Manisa. June 7. Spineless type.
169670. No. 1564. Korkuteli, Antalya. May 12. Originally from village of Sulekler.
169671. No. 1727. Market, Burdur, Burdur. May 15.
169672. No. 1752. *Kendir*. Osman Buku, Aydin. May 17.
169673. No. 1788. Aydin, Aydin. May 18.
169674. No. 2364-A. *Dikenli*. Seed store, Istanbul, Istanbul. June 14.
169675. No. 2038. Salihli, Manisa. June 8.
169676. No. 2086. *Dikensiz*. Market, Akhisar, Manisa. June 9. Spanish.
169677. No. 2248. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
169678. No. 3795. Antakya, Hatay. Originally from Dortyol, Hatay.
169679. No. 2365. *Dikensiz Kuzu*. Seed store, Istanbul, Istanbul. May 14.
169680. No. 2446. Cayirova, Kocaeli. June 18.
169681. No. 2459. *Kuzu*. Cayirova, Kocaeli. June 18.
169682. No. 2524. Meric, Edirne. June 21.
169683. No. 2553. Seed store, Kirklareli, Kirklareli. June 21. Originally from Asilbeyli, Kirklareli.
169684. No. 2798. Seed store, Luleburgaz, Kirklareli. June 23.
169685. No. 3132. Seed store, Ayvalik, Balikesir. June 28.
169686. No. 3192. Seed store, Balikesir, Balikesir. Winter type.
169687. No. 3216. Balıya, Balikesir. June 29.
169688. No. 3380. Mustafa Kemalpaşa, Bursa. July 1. Summer type.
169689. No. 3582. *Yazlik*. Seed store, Bursa, Bursa. July 2.
169690. No. 3706. *Dikensiz*. Seed exhibit, Adapazari, Kocaeli. July 4.
169691. No. 3708. *Dikenli*. Seed exhibit, Adapazari, Kocaeli. July 4.
169692. *APIUM GRAVEOLENS* L. *Apiaceae*. **Celery.**
- No. 2209. Market, Soma, Manisa. June 9. Big-foot type.

168960 to 170032.—Continued

- 169693 to 169713. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
169693. No. 1416. *Sultani*. Agricultural School, Bornova, Izmir. June 5.
169694. No. 1457. *Sultani*. Seed store, Manisa, Manisa. June 7.
169695. No. 1568. *Divrimli Yaprak*. Korkuteli, Antalya. May 12.
169696. No. 1595. Elmali, Antalya. May 12.
169697. No. 1615. Director of Agriculture, Antalya, Antalya. May 13.
169698. No. 1730. Market, Burdur, Burdur. May 15.
169699. No. 1755-A. Osman Buku, Aydin. May 17.
169700. No. 1805.
169701. No. 1910. Village of Zeyve, Kemer, Mugla. May 23.
169702. No. 2245. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
169703. No. 2462. *Sultani*. Director of Agricultural School, Cayirova, Kocaeli. June 18.
169704. No. 2625. Seed store, Babaeski, Kirklareli. June 21.
169705. No. 2683. Director of Agriculture, Edirne, Edirne. June 22.
169706. No. 2925. Mayor's garden, Canakkale, Canakkale. June 26.
169707. No. 2949. Agricultural Agent, Ezine, Canakkale.
169708. No. 2985. Agricultural Agent, Ezine, Canakkale.
169709. No. 3185. Balikesir, Balikesir. June 29.
169710. No. 3223. Balya, Balikesir. June 29. Originally from Calova.
169711. No. 3612. Gemlik, Bursa. July 3.
169712. No. 3745. Seed exhibit, Adapazari, Kocaeli. July 4.
169713. No. 3804. Antakya, Hatay. July 8. Originally from Dortyol.
169714. *PHASEOLUS CARACALLA* L. Fabaceae. Snail bean.
- No. 1972. *Julkarnes Sarmasigi*. Market, Aydin, Aydin. May 18.
169715. *PHASEOLUS COCCINEUS* L. Scarlet runner bean.
- No. 1739. Tree Nursery, Burdur, Burdur. May 15. Ornamental vine; red and yellow flowers.
- 169716 to 169927. *PHASEOLUS VULGARIS* L. Common bean.
- 169716 to 169719. Seed store, Manisa, Manisa. June 7.
169716. No. 1473. *Basnak*.
169717. No. 1474. Originally from Kutahya, Kutahya.
169718. No. 1483. Originally from Turgutlu, Manisa.
169719. No. 1490. Originally from Usak, Kutahya.
- 169720 to 169738. From Antalya Province.
169720. No. 1506. *Barbunya*. Director of Agriculture, Antalya. May 10.
169721. No. 1507. *Aysekadin Oturak*. Director of Agriculture. May 10.
- 169722 to 169732. Korkuteli. May 12.
169722. Uyuk.
- 169723 to 169728. Market.
169723. No. 1543. Sweet type.
169724. No. 1544. *Aysekadin*.
169725. No. 1546. White bean.
169726. No. 1548. *Oturak Arsen*.
169727. No. 1549. Village of Sulekler.
169728. No. 1555. *Beyaz Topalak*. White.

168960 to 170032.—Continued

169716 to 169927.—Continued

169720 to 169738.—Continued

169722 to 169732.—Continued

169729. No. 1563. *Barbunya*.169730. No. 1571. *Cilveli*.169731. No. 1582. *Beyaz*. White.169732. No. 1585. *Aydin*. Village of Sulekler.169733. No. 1594. *Kara*. Elmali. May 12. Black.

169734. No. 1597. Elmali. May 12. Local type.

169735. No. 1599. *Sari*. Elmali. May 12. Local type. Yellow.

169736. No. 1638. Manavgat. May 13.

169737. No. 1666. Serik. May 14. Originally from village of Burnicer, Antalya.

169738. No. 1681. *Ay Yildiz*. Tropical Plant Breeding Station, Antalya. May 14.

169739 to 169742. Market, Burdur, Burdur. May 15.

169739. No. 1713. White bean.

169741. No. 1735. *Aysekadin*.

169740. No. 1725.

169742. No. 1736. *Barbunya*.

169743. No. 1750. Village of Osman Buku, Aydin. May 17. White.

169744. No. 1755. Village of Osman Buku, Aydin. May 17.

169745. No. 1784. *Aysekadin*. Aydin, Aydin. May 18.

169746. No. 1790. Aydin, Aydin. May 18. Bush type.

169747 to 169755. From Mugla Province.

169747 to 169749. Director of Agriculture, Mugla. May 20. Originally from Fethiye.

169747. No. 1810. *Barbunya*.

169748. No. 1815.

169749. No. 1816. White.

169750. No. 1823. Mugla. May 20. Originally from village of Seki, Fethiye.

169751. No. 1842. Mugla. Mixed types.

169752. No. 1887. Fethiye. May 22. Originally from village of Sediler.

169753. No. 1889. *Barbunya*. Fethiye. Originally from village of Seki.169754. No. 1927. *Barbunya*. Koycegiz. May 24.169755. No. 1938. *Sandres*. Koycegiz. May 24. Originally from village of Cayhisar.

169756. No. 1962. Market, Aydin, Aydin. May 17. Originally from village of Soke.

169757. No. 1964. Aydin, Aydin. Mixed types. Originally from Nazilli.

169758. No. 1965. Aydin, Aydin. Mixed types. Originally from Nazilli.

169759. No. 1993. *Barbunya*. Ephesus, Selcuk, Izmir. May 26.

169760. No. 1996. Ephesus, Selcuk, Izmir. May 26.

169761 to 169788. From Manisa Province.

169761. No. 2011. Seed store, Manisa. June 7. Originally from Konya. Mixed types.

169762. No. 2019. Seed store, Manisa. June 7. Originally from Konya.

169763. No. 2031. Salihli. June 8.

168960 to 170032.—Continued

169716 to 169927.—Continued

169761 to 169788.—Continued

169764. No. 2049. *Barbunya*. Salihli. June 8.
169765 to 169777. Seed store, Manisa. June 9.
169765. No. 2082. *Bakla*.
169766. No. 2121. *Yesil Barbunya*. Green type.
169767. No. 2122. *Sari Barbunya*. Yellow type.
169768. No. 2123. *Kirmizi Barbunya*. Red type.
169769. No. 2125. *Aysekadin*.
169770. No. 2126. *Aysekadin*.
169771. No. 2127. *Cali*.
169772. No. 2128. Originally from Kutahya Province.
169773. No. 2129.
169774. No. 2130. *Barbunya Alaca*. Mixed colors.
169775. No. 2131. Mixed types. Originally from Sindirgi, Balikesir.
169776. No. 2156. Originally from Sindirgi, Balikesir.
169777. No. 2157. Originally from Alasehir, Manisa.
169778 to 169782. Seed store, Soma, Manisa. June 9.
169778. No. 2166. Mixed types. Originally from Sindirgi, Balikesir.
169779. No. 2172. Originally from Mustafa Kemalpaşa, Bursa.
169780. No. 2174. Originally from Finike, Antalya.
169781. No. 2175. Mixed types. Originally from Izmir Province.
169782. No. 2176.
169783 to 169788. Market, Soma, Manisa. June 9.
169783. No. 2185. Mixed types. Local.
169784. No. 2190. *Aysekadin*. Low bushy type.
169785. No. 2202. *Sarma*.
169786. No. 2203. *Horos*.
169787. No. 2204. *Aysekadin*. Originally from Istanbul, Istanbul.
169788. No. 2206. *Purcekli*. Curley type.
169789 to 169795. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
169789. No. 2236. *Barbunya*.
169790. No. 2237. *Oturak*. Low-growing type.
169791. No. 2238. *Aysekadin*.
169792. No. 2239. *Oturak Sari*. Low-growing, yellow bean.
169793. No. 2240. *Basmak*.
169794. No. 2254. Istanbul, Istanbul.
169795. No. 2255. *Cali Oturak*. Bush type.
169796 to 169805. Seed stores, Istanbul, Istanbul. June 14.
169796. No. 2318. *Kirmizi Gelin*.
169797. No. 2349. *Cali*. Bush type.
169798. No. 2350. *Cali*. Pole type.
169799. No. 2351. *Aysekadin*.
169800. No. 2352. *Barbunya*.

168960 to 170032.—Continued

169716 to 169927.—Continued

169796 to 169805.—Continued

- 169801. No. 2361. *Ayşe Ankara*.
- 169802. No. 2362. *Barbunya*.
- 169803. No. 2369. Mixed types.
- 169804. No. 2372. *Gelin Ayşe*. Early type.
- 169805. No. 2375. *Ferasetsiz*.

169806 to 169808. From Istanbul, Istanbul.

- 169806. No. 2413. *Cali*.
- 169807. No. 2414. *Cali Batal*.
- 169808. No. 2415. *Horos*.

169809 to 169813. Director of Agricultural School, Cayirova, Kocaeli. June 18.

- 169809. No. 2443. *Barbunya Kirmizi*. Red.
- 169810. No. 2448. *Aysekadin Sirik*.
- 169811. No. 2450. *Kir*.
- 169812. No. 2451. *Yer Calisi*. Bush type.
- 169813. No. 2463. *Barbunya Sirik*. Pole type.

169814. No. 2484. Trabzon, Buyukcekmece, Istanbul. June 29.

169815. No. 2519. Village of Meric, Edirne. June 21.

169816 to 169820. Seed stores, Kirklareli, Kirklareli. June 21.

- 169816. No. 2536. Originally from Trabzon, Istanbul.
- 169817. No. 2548. *Seker*. Originally from Istanbul, Istanbul. Sweet type.
- 169818. No. 2565. Originally from Derekoy.
- 169819. No. 2566. *Balkan*. Originally from Derekoy.
- 169820. No. 2577. Originally from Babaeski, Kirklareli.

169821. No. 2604. Meric, Edirne. June 21.

169822. No. 2618. Seed store, Babaeski, Kirklareli.

169823. No. 2619. Seed store, Babaeski, Kirklareli.

169824. No. 2650. Havza, Samsun. June 22.

169825. No. 2705. Director of Agriculture, Edirne, Edirne.

169826. No. 2720. Corlu, Tekirdag. June 23.

169827 to 169831. Seed stores, Muratli, Tekirdag. June 24.

- 169827. No. 2754. Originally from Istanbul, Istanbul.
- 169828. No. 2756. Originally from Istanbul.
- 169829. No. 2757. Originally from Trabzon Province.
- 169830. No. 2761.
- 169831. No. 2764. Originally from Istanbul.

169832. No. 2769. *Batal Cali*. Tekirdag Province. June 24. Originally from Rize Province.

169833. No. 2784. Uzunkupru, Edirne.

169834. No. 2791. Seed store in Luleburgaz, Kirklareli. June 23. Originally from Turgutlu, Manisa.

169835. No. 2796. Seed store, Luleburgaz, Kirklareli. Originally from Hamitobot.

168960 to 170032.—Continued

169716 to 169927.—Continued

169836. No. 2815. Director of Agriculture, Kesan, Edirne. June 24. Mixed types.

169837 to 169851. From Canakkale Province.

169837. No. 2898. Seed store, Canakkale. June 25. Originally from Bayramic.

169838. No. 2908. Seed store, Canakkale. Originally from Isikler, Ezine.

169839 to 169842. From Mayor's garden, Canakkale. June 26.

169839. No. 2917. *Barbunya Siriksiz*. Pole type.

169840. No. 2918. *Aysekadın Bagoz*.

169841. No. 2919. *Yer Fusulya*. Bush type.

169842. No. 2928. *Aysekadın Yer*. Bush type.

169843 to 169846. Ezine. June 26.

169843. No. 2942. *Calı*.

169845. No. 2979.

169844. No. 2976.

169846. No. 2991.

169847. No. 3019. Ayvacik. June 26.

169848. No. 3032. Collected in Bayramic. Originally from Karakoy.

169849. No. 3099. Can. June 27.

169850. No. 3104. *Barbunya*. Yenice.

169851. No. 3105. Yenice.

169852 to 169890. From Balikesir Province.

169852 to 169858. From seed stores, Ayvalik. June 28.

169852. No. 3125.

169853. No. 3129. Mixed types.

169854. No. 3134. *Aysekadın*.

169855. No. 3137. Mixed.

169856. No. 3138. Originally from Mustafa Kemalpaşa, Bursa.

169857. No. 3140. Originally from Izmir Province.

169858. No. 3142. Originally from Zeytinli, Edremit.

169859. No. 3152. Seed store, Edremit. June 28. Originally from Zeytinli.

169860. No. 3155. Seed store, Edremit.

169861. No. 3157. *Barbunya*. Seed store, Edremit. Romanian type.

169862 to 169868. From Balikesir. June 29.

169862. No. 3170. Mixed types. Originally from Bursa Province.

169863. No. 3172. *Barbunya*. Originally from Bigadic.

169864. No. 3176. Originally from Bigadic.

169865. No. 3176-A. Originally from Bigadic.

169866. No. 3178. Originally from Orhaniye, Bursa.

169867. No. 3191. *Horoz*. Originally from Bigadic.

169868. No. 3181. Mixed. *Aysekadın* and *Ayse Esmer*.

169869. No. 3207. June 29. Originally from Yarisalan.

169870. No. 3214. *Aysekadın*. Balya. Originally from Mustecap.

169871. No. 3233. *Payroz*. Originally from Patlak, Balya.

169872. No. 3245. Balikesir. June 29. Mixed types.

168960 to 170032.—Continued

169716 to 169927.—Continued

169852 to 169890.—Continued

169873. No. 3252. *Barbunya*. Balikesir. June 29. Mixed types.
169874. No. 3257. Balikesir. June 29. Mixed types.
169875 to 169884. Seed stores, Bandirma. June 30.
169875. No. 3264. Originally from Kiziksa, Manyas.
169876. No. 3272. Originally from Ergili, Manyas.
169877. No. 3277. Originally from Karacaoglan, Mustafa Kemalpaşa.
169878. No. 3278. *Barbunya*. Originally from Istanbul, Istanbul.
169879. No. 3280. Originally from Manyas.
169880. No. 3283. Originally from Manyas.
169881. No. 3287. Originally from Manyas.
169882. No. 3288. *Barbunya*. Originally from Kapudag, Erdek.
169883. No. 3289. *Seker*. Originally from Manyas.
169884. No. 3295. Originally from Kocagol, Manyas.
169885. No. 3311. *Ufak*. Seed store, Manyas. June 30. Small bean.
169886. No. 3312. Seed store, Manyas. June 30.
169887. No. 3319. *Kazak*. Seed store, Manyas. Originally from Kocagol.
169888. No. 3324. *Barbunya*. Village of Kulak. June 30.
169889. No. 3328-A. *Kulak*.
169890. No. 3372. Bandirma. June 30. Mixed types.
169891 to 169897. From Mustafa Kemalpaşa, Bursa. July 1.
169891. No. 3408. *Seker*. Originally from Karaola. Sweet type.
169892. No. 3411. *Ufak*. Seed small.
169893. No. 3422. Originally from Ayas.
169894. No. 3425. Originally from Karaola.
169895. No. 3426. Sweet type from Karaola.
169896. No. 3431. Originally from Ayas.
169897. No. 3432.
169898 to 169917. From seed store, Bursa, Bursa. July 2.
169898. No. 3475. Originally from Gokce Viran. Sweet type.
169899. No. 3478. *Sariyer Aysesii*. Originally from Soguk Pinar.
169900. No. 3476. *Ada Barbunyesii*. Originally from Soguk Pinar.
169901. No. 3477. *Horoz*. Originally from Soguk Pinar.
169902. No. 3479. *Gelin*. Originally from Gokce Viran.
169903. No. 3484. *Karasik*. Originally from Soguk Pinar.
169904. No. 3492. Originally from Kara Islah.
169905. No. 3493. *Yasmakli Ayse*. From Soguk Pinar.
169906. No. 3482. *Horoz*. Originally from Orhanikelsir.
169907. No. 3483. *Cerrah*. Originally from Inegol.
169908. No. 3485. *Barbunya*. Originally from Topruk, Orhaneli.
169909. No. 3499. *Ferasetsiz*.
169910. No. 3502. *Egribakildak*. Originally from Tuzakli.
169911. No. 3504. *Gelin*.

168960 to 170032.—Continued

169716 to 169927.—Continued

169898 to 169917.—Continued

169912. No. 3506. *Turfanda Barbunya*. Originally from Gonukbelen, near Orhaneli. Early type.

169913. No. 3522. *Ayse*.

169914. No. 3531. *Yasmakli Gelin*. Originally from Ulu Dag.

169915. No. 3535. *Gelin*. Originally from Orhaneli.

169916. No. 3560. *Cali*.

169917. No. 3568. *Arsin*. Originally from Soguk Pinar.

169918 to 169921. From Gemlik, Bursa. July 3.

169918. No. 3595. *Cali*. Originally from Istanbul, Istanbul.

169919. No. 3598. *Batal Cali*. Originally from Istanbul.

169920. No. 3605. *Kazak*. Originally from Eskisehir Province.

169921. No. 3609. Originally from Eskisehir Province.

169922. No. 3763. Adapazari Tohum Islah Istasyonu, Kocaeli. July 4.

169923 to 169927. From Antakya, Hatay. July 8.

169923. No. 3800. Originally from Dortyol.

169924. No. 3806. Originally from Dortyol.

169925. No. 3807. *Gozukara*. Originally from Dortyol.

169926. No. 3823. *Aysekadin*. Originally from Erzin, Dortyol.

169927. No. 3823-D. Originally from Erzin, Dortyol.

169928 to 170027. *VICIA* spp. Fabaceae.

169928 to 169954. *VICIA ERVILIA* (L.) Willd.

169928. No. 1385. Agricultural School, Bornova, Izmir. June 5.

169929. No. 1390. Agricultural School, Bornova, Izmir. June 5.

169930. No. 1609. Elmali, Korkuteli, Antalya. May 12.

169931. No. 1630. Manavgat, Antalya. May 13.

169932. No. 1646. Village of Selimiye, Antalya. May 14.

169933. No. 1783. Market, Aydin, Aydin. May 18.

169934. No. 1834. Market, Mugla, Mugla. May 20. Originally from vicinity of Dinar, Ayfon.

169935. No. 1895. Village of Uzunlu, Mugla. May 22.

169936. No. 2014. Seed store, Manisa, Manisa. June 7. Originally from Mutevelli.

169937. No. 2287. Bergama, Izmir. June 10.

169938. No. 2522. Village of Meric, Edirne. June 21.

169939. No. 2704. Director of Agriculture, Edirne, Edirne. June 22.

169940. No. 2854. Gelibolu, Canakkale. June 25.

169941. No. 3085. Can, Canakkale. June 27.

169942. No. 3106. Yenice, Canakkale.

169943 to 169948. From Balikesir Province.

169943. No. 3166. Seed store, Edremit. June 28.

169944. No. 3250. Balikesir. June 29.

169945. No. 3258. Balikesir. June 29.

169946. No. 3269. Bandirma. June 30.

168960 to 170032.—Continued

169928 to 170027.—Continued

169928 to 169954.—Continued

169943 to 169948.—Continued

169947. No. 3367. Bandirma.

169948. No. 3375. Bandirma.

169949. No. 3417. Mustafa Kemalpaşa, Bursa. July 1. Originally from Alpolgut.

169950. No. 3437. Karacabey, Bursa. July 1.

169951. No. 3463. Karacabey, Bursa.

169952. No. 3539. Seed store, Bursa, Bursa. July 2.

169953. No. 3781. Tarsus, Icel. July 8. Originally from Kiristan.

169954. No. 3790. Antakya, Hatay. July 8.

169955 to 169995. *Vicia faba* L.

Broadbean.

169955. No. 1403. Agricultural School, Bornova, Izmir. June 5.

169956. No. 1487. Seed store, Manisa, Manisa. June 7.

169957. No. 1648. Village of Selimiye, Antalya. May 14.

169958. No. 1759. Osman Buku, Aydın. May 17.

169959. No. 1921. Koycegiz, Mugla. June 24.

169960. No. 1998. Ephesus, Selcuk, Izmir. May 26.

169961. No. 2035. *Sakiz*. Salihli, Manisa. June 8.

169962. No. 2183. Seed store, Soma, Manisa. June 9.

169963. No. 2219. Kinik, Izmir. June 9. Local type.

169964. No. 2241. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

169965. No. 2294. Bergama, Izmir.

169966. No. 2356. Seed store, Istanbul, Istanbul. June 14.

169967. No. 2444. *Sakiz Baklasi*. Director of Agricultural School, Cayirova, Kocaeli. June 18.

169968. No. 2753. Seed store, Muratli, Tekirdag. June 24.

169969. No. 2789. Seed store, Luleburgaz, Kırklareli. June 23.

169970 to 169978. From Canakkale Province.

169970. No. 2860. Gelibolu. June 25.

169971. No. 2887. Seed store, Eceabat.

169972. No. 2900. Seed store, Canakkale. Originally from Kepez. June 25.

169973. No. 2904. Seed store, Canakkale.

169974. No. 2905. Seed store, Canakkale.

169975. No. 2943. Ezine, June 26.

169976. No. 3002. Ayvacik. Originally from Bahalar.

169977. No. 3091. Can. June 27.

169978. No. 3108. Yenice.

169979 to 169988. From Balıkesir Province.

169979. No. 3146. Seed store, Ayvalik. June 28.

169980. No. 3147. Seed store, Ayvalik. June 28. Originally from Altınova.

169981. No. 3159. Seed store, Edremit.

168960 to 170032.—Continued

169928 to 170027.—Continued

169955 to 169995.—Continued

169979 to 169988.—Continued

169982. No. 3235. Balya. June 29.

169983. No. 3239. Balikesir.

169984. No. 3265. Bandirma. June 30. 1948 crop.

169985. No. 3266. Bandirma. June 30.

169986. No. 3338. Kulak. June 30.

169987. No. 3357. Bandirma.

169988. No. 3359.

169989 to 169993. From Bursa Province.

169989. No. 3413. Mustafa Kemalpaşa. July 1.

169990. No. 3416. Mustafa Kemalpaşa. July 1. Originally from Demildere.

169991. No. 3418. Mustafa Kemalpaşa. July 1.

169992. No. 3450. *Kara Bakla*. Karacabey. Dark type.169993. No. 3508. *Sakiz Balka*. Seed store, Bursa. July 2. Winter type.

169994. No. 3702. Seed exhibit, Adapazari, Kocaeli. July 4.

169995. No. 3770. Adapazari, Kocaeli.

169996 to 169998. *Vicia lutea* L.

169996. No. 2641. Edirne, Edirne. June 22.

169997. No. 2774. Muratli, Tekirdag. June 24.

169998. No. 2831-A. Imros Gulf, Canakkale. June 25.

169999. *Vicia peregrina* L.

No. 2638-A. Roadside 15 km. east of Edirne, Edirne. June 22.

170000 to 170013. *Vicia sativa* L.

Common vetch.

170000. No. 3236. Balya, Balikesir. June 29.

170001. No. 3345. Susurluk, Balikesir. June 30. Originally from Kuruçoluk.

170002. No. 2346. Seed store, Istanbul, Istanbul. June 14.

170003. No. 2060. Dambayli, Manisa.

170004. No. 2638. Roadside 15 km. east of Edirne, Edirne. June 22.

170005. No. 2645. Roadside 15 km. east of Edirne. June 22.

170006. No. 3061. Roadside 25 km. east of Canakkale, Canakkale. June 27.

170007. No. 2489-A. North of Babaeski, Kirklareli. June 21.

170008. No. 2635. West of Babaeski, Kirklareli.

170009. No. 1650. Village of Selimiye, Antalya. May 14.

170010. No. 1864. Director of Government Farm, Dalaman Ciftligi. May 21.

170011. No. 2833. Imros Gulf, Canakkale. June 25.

170012. No. 3536. Seed store, Bursa, Bursa. July 2. Originally from Bozüyük, Bilecik.

170013. No. 3031. Bayramic, Canakkale. June 26.

168960 to 170032.—Continued

169928 to 170027.—Continued

170014 and 170015. *VICIA SERICOCARPA* Fenzl.

170014. No. 2489. Babaeski, Kirklareli. June 21.

170015. No. 2378. Experiment Station grounds, Yesilkoy, Istanbul. June 14.

170016. *VICIA SERICOCARPA* var. *MICROPHYLLA* Boiss.

No. 1911-B. Village of Zeyve, Kemer, Mugla. May 23.

170017 to 170020. *VICIA NARBONENSIS* L.

170017. No. 2071. Sindel, Manisa. June 8.

170018. No. 3458. Karacabey, Bursa. July 1.

170019. No. 2378-A. Experiment Station grounds, Yesilkoy, Istanbul. June 14.

170020. No. 2057-B. Dambayli, Manisa. June 8.

170021. *VICIA* sp.

No. 2823. Kesan, Edirne. June 25.

170022. *VICIA* sp.

No. 2772. Tekirdag, Tekirdag. June 24.

170023. *VICIA* sp.

No. 3524-A. Seed store, Bursa, Bursa. July 2.

170024. *VICIA* sp.

No. 1899-D. Forest Station Office, Fethiye, Mugla. May 22.

170025. *VICIA* sp.

No. 2017. Seed store, Manisa, Manisa. June 7. Local type.

170026. *VICIA* sp.

No. 2495. Babaeski, Kirklareli. June 21.

170027. *VICIA* sp.

No. 3301. Ergili, Balikesir. June 30.

170028 to 170030. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.

170028. No. 1551. Market, Korkuteli, Antalya. May 12.

170029. No. 1709. Market, Burdur, Burdur. May 15.

170030. No. 2922. Mayor's garden, Canakkale, Canakkale. June 26.

170031. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

No. 1751. Osman Buku, Aydin. May 17.

170032. *BRASSICA NAPUS* L. Brassicaceae.

Rape.

No. 3766. Adapazari, Kocaeli. July 4.

170033 to 170099.

From Turkey. Scions collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 20, 1948.

From the Government Fruit Nursery Station, Van Province.

170033 to 170040. *MALUS SYLVESTRIS* Mill. Rosaceae.

Apple.

170033. No. 4.

170037. No. 41.

170034. No. 14.

170038. No. 44.

170035. No. 36.

170039. No. 65.

170036. No. 39.

170040. No. 76.

170033 to 170099.—Continued

170041 to 170063. *PRUNUS* spp. Rosaceae.

170041. <i>PRUNUS</i> sp.	170053. <i>PRUNUS</i> sp.
No. 17.	No. 48.
170042. <i>PRUNUS</i> sp.	170054. <i>PRUNUS</i> sp.
No. 25.	No. 52.
170043. <i>PRUNUS</i> sp.	170055. <i>PRUNUS</i> sp.
No. 43.	No. 53.
170044. <i>PRUNUS</i> sp.	170056. <i>PRUNUS</i> sp.
No. 45.	No. 57.
170045. <i>PRUNUS</i> sp.	170057. <i>PRUNUS</i> sp.
No. 47.	No. 60.
170046. <i>PRUNUS</i> sp.	170058. <i>PRUNUS</i> sp.
No. 56.	No. 61.
170047. <i>PRUNUS</i> sp.	170059. <i>PRUNUS</i> sp.
No. 74.	No. 63.
170048. <i>PRUNUS</i> sp.	170060. <i>PRUNUS</i> sp.
No. 89.	No. 64.
170049. <i>PRUNUS</i> sp.	170061. <i>PRUNUS</i> sp.
No. 3.	No. 77.
170050. <i>PRUNUS</i> sp.	170062. <i>PRUNUS</i> sp.
No. 11.	No. 80.
170051. <i>PRUNUS</i> sp.	170063. <i>PRUNUS</i> sp.
No. 26.	No. 81.
170052. <i>PRUNUS</i> sp.	
No. 38.	

170064 to 170091. *PYRUS COMMUNIS* L. Rosaceae.

Common pear.

170064. No. 1.	170078. No. 31.
170065. No. 2.	170079. No. 32.
170066. No. 7.	170080. No. 33.
170067. No. 10.	170081. No. 37.
170068. No. 12.	170082. No. 46.
170069. No. 13.	170083. No. 54.
170070. No. 15.	170084. No. 59.
170071. No. 19.	170085. No. 62.
170072. No. 22.	170086. No. 70.
170073. No. 23.	170087. No. 72.
170074. No. 24.	170088. No. 83.
170075. No. 27.	170089. No. 84.
170076. No. 28.	170090. No. 88.
170077. No. 29.	170091. No. 90.

170092 to 170099. *VITIS VINIFERA* L. Vitaceae.

European grape.

170092. No. 6.	170096. No. 94.
170093. No. 91.	170097. No. 95.
170094. No. 92.	170098. No. 96.
170095. No. 93.	170099. No. 97.

170100 to 170181.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 13, 1948.

Collected in 1948.

170100 to 170109. *PRUNUS AMYGDALUS* Batsch. Rosaceae. • Almond.

170100. No. 1884. Fethiye, Mugla. May 22.

170101. No. 1987. Market, Aydin, Aydin. May 18.

170102. No. 2228. *Aci Badem*. Kinik, Izmir. June 9. Bitter type.

170103 to 170108. From Canakkale Province.

170103. No. 2846. Gelibolu. June 25. Originally from Istanbul, Istanbul.

170104. No. 2853. Gelibolu. June 25. Originally from Istanbul, Istanbul. Bitter type.

170105. No. 2882. Seed store, Eceabat. June 25. Originally from Ilgadore.

170106. No. 2883. Seed store, Eceabat. Bitter type.

170107. No. 2895. Seed store, Canakkale. Bitter type.

170108. No. 2899. Seed store, Canakkale.

170109. No. 3226. Balya, Balikesir. June 29. Originally from Patlak.

170110 to 170114. *PRUNUS PERSICA* (L.) Batsch. Peach.

170110. No. 2470. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170111 to 170114. From seed exhibit, Adapazari, Kocaeli. July 4.

170111. No. 3661. No. 401.

170113. No. 3663. No. 403.

170112. No. 3663. No. 402.

170114. No. 3664. No. 404.

170115. *DIOSPYROS LOTUS* L. Diospyraceae. Persimmon.

No. 3725. *Trabzon Burmasi*. Seed exhibit, Adapazari, Kocaeli. July 4.

170116. *JUGLANS REGIA* L. Juglandaceae. Persian walnut.

No. 2534. *Ceviz*. Kırklareli, Kırklareli. June 21. Originally from village of Uskup.

170117 to 170120. *MALUS SYLVESTRIS* Mill. Rosaceae. Apple.

170117. No. 2467. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170118. No. 3039. Director of Agriculture, Canakkale, Canakkale. June 26.

170119. No. 3042. Director of Agriculture, Canakkale, Canakkale. June 26.

170120. No. 3657. Seed exhibit, Adapazari, Kocaeli.

170121 to 170129. *MALUS* spp. Apple.

From seed exhibit, Adapazari, Kocaeli. July 4.

170121. *MALUS* sp. 170126. *MALUS* sp.

No. 3642. No. 101.

No. 3647. No. 106.

170122. *MALUS* sp. 170127. *MALUS* sp.

No. 3643. No. 102.

No. 3648. No. 107.

170123. *MALUS* sp. 170128. *MALUS* sp.

No. 3644. No. 103.

No. 3649. No. 108.

170124. *MALUS* sp. 170129. *MALUS* sp.

No. 3645. No. 104.

No. 3656. Originally from Ketenciler.

170125. *MALUS* sp.

No. 3646. No. 105.

170100 to 170181.—Continued

170130 and 170131. *OLEA EUROPEA* L. Oleaceae. Olive.

170130. No. 1804. Director of Agriculture, Mugla, Mugla. May 19. Originally from village of Gokova.

170131. No. 2438. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170132 and 170133. *PHOENIX DACTYLIFERA* L. Phoenicaceae. Date palm.

170132. No. 1811. Director of Agriculture, Mugla, Mugla. May 19. Originally from Fethiye.

170133. No. 3829. Kulturk Park, Izmir, Izmir. July 9.

170134. *PISTACIA TEREBINTHUS* L. Anacardiaceae. False terebinth.No. 1920. *Cilttenbik*. Koycegiz, Mugla. May 24. Village of Cayhisar.170135 and 170136. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.

Seed exhibit, Adapazari, Kocaeli. July 4. Originally from Erzincan.

170135. No. 3677. *Zerdali*.

170136. No. 3683.

170137. *PRUNUS AVIUM* L. Sweet cherry.

No. 2471. Presented by Director of Agricultural School, Cayirova, Kocaeli. June 18.

170138 to 170142. *PRUNUS CERASIFERA* Ehrh. Myrobalan plum.

170138. No. 1613. Elmali, Antalya. May 12.

170139. No. 2843. Gelibolu, Canakkale. June 25.

170140. No. 2915. Seed store, Canakkale, Canakkale.

170141. No. 3776. *Yumis Erigi*. Tarsus, Icel. July 8. Originally from Kabakog.

170142. No. 3777. Tarsus, Icel. July 8. Originally from village of Sebil.

170143. *PRUNUS CERASUS* L. Sour cherry.

No. 2283. Bergama, Izmir. June 10.

170144 to 170152. *PRUNUS DOMESTICA* L. Common plum.

170144. No. 2478. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170145. No. 2596. Seed store in Kirklareli, Kirklareli. June 21.

170146. No. 2894. Seed store in Canakkale, Canakkale. June 25. Wild type from Istanbul, Istanbul.

170147 to 170152. From seed exhibit, Adapazari, Kocaeli. July 4.

170147. No. 3630. No. 301. Originally from village of Kalayce.

170148. No. 3631. No. 302. Originally from village of Kalayce.

170149. No. 3632. No. 303. Originally from village of Yanik.

170150. No. 3633. No. 304. Originally from village of Kurtkoy.

170151. No. 3634. No. 305. Originally from village of Masukiye.

170152. No. 3635. No. 306. Originally from Yanik.

170153 to 170159. *PRUNUS MAHALEB* L. Mahaleb cherry.170153. No. 2472. *Idris*. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170154 to 170159. From seed exhibit, Adapazari, Kocaeli. July 4.

170154. No. 3650. Originally from Kutahya Province.

170155. No. 3651. Originally from Deyirmendere, Golcuk.

170156. No. 3652.

170100 to 170181.—Continued

170153 to 170159.—Continued

170154 to 170159.—Continued

170157. No. 3653. Black type.

170158. No. 3654. Originally from Tokat Province.

170159. No. 3655.

170160 to 170168. PRUNUS spp.

170160. PRUNUS sp.

No. 3167. *Visne*. Balikesir, Balikesir. June 29.

170161. PRUNUS sp.

No. 3238. Balikesir, Balikesir.

170162. PRUNUS sp.

No. 3490. *Visne*. Seed store, Bursa, Bursa. July 2.

170163 to 170168. From seed exhibit, Adapazari, Kocaeli. July 4.

170163. PRUNUS sp.

No. 3659. Originally from Cevaz, Tokat.

170164. PRUNUS sp.

No. 3660. Originally from Serceli, Tokat.

170165. PRUNUS sp.

No. 3682. Originally from Erzincan Province.

170166. PRUNUS sp.

No. 3684. *Visne*.

170167. PRUNUS sp.

No. 3696. *Güven*.

170168. PRUNUS sp.

No. 3732. Originally from village of Sukruye.

170169 to 170180. PYRUS spp. Rosaceae.

170169 and 170170. PYRUS COMMUNIS L.

Common pear.

170169. No. 3038.

Director of Agriculture, Canakkale, Canakkale. June 26.

170170. No. 3059.

170171. PYRUS sp.

No. 1611. *Karyagili*. Agriculture teacher, Elmali, Antayla. May 12.

170172. PYRUS sp.

No. 1698. Pinarbasi, Antalya. May 15.

170173. PYRUS COMMUNIS L.

Common pear.

No. 2469. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170174 to 170180. PYRUS spp.

Collected from seed exhibit, Adapazari, Kocaeli. July 4.

170174 to 170178. Originally from Acesu, Kocaeli.

170174. PYRUS sp.

170177. PYRUS sp.

No. 3636. No 201.

No. 3638.

170175. PYRUS sp.

170178. PYRUS sp.

No. 3637.

No. 3640.

170176. PYRUS sp.

No. 3639.

170100 to 170181.—Continued

170169 to 170180.—Continued

170174 to 170180.—Continued

170179. *PYRUS* sp.

No. 3641. No. 207. Originally from Ketenciler.

170180. *PYRUS* sp.

No. 3658. Originally from Acesu, Kocaeli.

170181. *VITIS VINIFERA* L. Vitaceae.

European grape.

No. 3194.

170182 to 170884.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 25, 1948.

Collected in 1948.

170182 to 170185. *ABIES* spp. Pinaceae.

Fir.

170182. *ABIES CILICICA* (Ant. & Kotschy) Carr.No. 2403. *Kilikya Goknari*. Faculty of Forestry, Buyukdere, Istanbul. June 15.170183. *ABIES* sp.No. 2433. *Ladin*. Director of Agricultural School, Cayirova, Kocaeli. June 18.170184. *ABIES* sp.

No. 3688. Seed exhibit, Adapazari, Kocaeli. July 4.

170185. *ABIES* sp.

No. 3697. Seed exhibit, Adapazari, Kocaeli. July 4.

170186. *ABUTILON THEOPHRASTI* Medic. Malvaceae.

No. 1531. Tropical Plant Breeding Station, Antalya. May 11. Local type.

170187 to 170190. *ACACIA* spp. Fabaceae.170187. *ACACIA DEALBATA* Link.

Silver wattle.

No. 3666. Seed exhibit, Adapazari, Kocaeli. July 4.

170188. *ACACIA FARNESIANA* (L.) Willd.

Sweet acacia.

No. 1696. *Erguvan*. Forest Department, Antalya, Antalya. May 15. Collected near coast.170189. *ACACIA LONGIFOLIA* (Andr.) Willd.

Sydney wattle.

No. 1429. Tree and Flower Station, Bornova, Izmir. June 5. Ornamental shrub.

170190. *ACACIA* sp.

No. 3825. Kulturk Park, Izmir, Izmir. July 8.

170191 to 170195. *AEGILOPS* spp. Poaceae.170191. *AEGILOPS TRIARISTATA* Willd.

No. 2215. Soma, Manisa. June 9. Mixture of types.

170192. *AEGILOPS* sp.

No. 2292. Bergama, Izmir. June 10.

170193. *AEGILOPS* sp.

No. 2477. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170194. *AEGILOPS TRIARISTATA* Willd.

No. 2488-A. Babaeski, Kirklareli. June 21.

170182 to 170884.—Continued

170191 to 170195.—Continued

170195. *AEGILOPS OVATA* L.

No. 2497. Open pasture, Babaeski, Kirklareli.

170196. *TRITICUM MONOCOCCUM* L. Poaceae.

No. 2498. Open pasture, Babaeski, Kirklareli.

170197 to 170215. *AEGILOPS* spp. Poaceae.170197. *AEGILOPS TRIUNCIALIS* L.

No. 2634. Babaeski, Kirklareli. June 22. Mixture of types.

170198 to 170201. *AEGILOPS TRIARISTATA* Willd.

170198. No. 2940. Fifteen km. east of Edirne, Edirne. June 22.

170199. No. 2646. Pasture 3 km. east of Edirne, Edirne.

170200. No. 2647. Pasture near Edirne, Edirne.

170201. No. 2825. Five km. south of Kesan, Edirne. June 25.

170202. *AEGILOPS TRIUNCIALIS* L.

No. 2935. Seventeen km. south of Canakkale, Canakkale. June 26.

170203 and 170204. *AEGILOPS LIGUSTICA* (Bertol.) Coss.

Fifteen km. east of Luleburgaz, Kirklareli. June 23.

170203. No. 2732.

170204. No. 2733.

170205 and 170206. *AEGILOPS OVATA* L.

170205. No. 2780. Twenty-five km. west of Tekirdag, Tekirdag. June 24.

170206. No. 2873. Roadside, 5 km. south of Gelibolu, Canakkale. June 25.

170207. *AEGILOPS TRIUNCIALIS* L.

No. 2936. Seventeen km. south of Canakkale, Canakkale. June 26.

170208 and 170209. *AEGILOPS TRIARISTATA* Willd.

Seventeen km. south of Canakkale, Canakkale.

170208. No. 2937.

170209. No. 2938.

170210. *AEGILOPS OVATA* L.

No. 3075. Seventy km. east of Can, Canakkale. June 27. Black heads.

170211 and 170212. *AEGILOPS TRIUNCIALIS* L.

170211. No. 3116. Edremit, Balikesir. June 27.

170212. No. 3196. Ayvatlar, Balikesir. June 29.

170213 and 170214. *AEGILOPS TRIARISTATA* Willd.

170213. No. 3298. Ergili, Balikesir. June 30.

170214. No. 3300. Ergili, Balikesir. June 30.

170215. *AEGILOPS TRIUNCIALIS* L.

No. 3466. Karacabey, Bursa. July 1. Black and white types.

170216. *AESCLUSUS HIPPOCASTANUM* L. Aesculaceae. Common horsechestnut.

No. 3717. Seed exhibit, Adapazari, Kocaeli. July 4.

170217. *AGERATUM* sp. Asteraceae.

No. 1966. *Vapur Dumani*. Aydin, Aydin. May 18.

170218. *BRACHYPODIUM DISTACHYON* (L.) Beauv. Poaceae.

No. 2214. Soma, Manisa. June 9.

170182 to 170884.—Continued

- 170219 to 170223. *ALBIZZIA JULIBRISSIN* Durazz. Fabaceae. Silktree.
 170219. No. 1456. Seed store, Manisa, Manisa. June 7.
 170220. No. 1985. Aydin, Aydin. May 18.
 170221. No. 3037. Director of Agriculture, Canakkale, Canakkale. June 26.
 170222. No. 3055. Director of Agriculture, Canakkale. June 26.
 170223. No. 3675. Seed exhibit, Adapazari, Kocaeli. July 4.
170224. *CELOSIA* sp. *Amaranthaceae*.
 No. 1970. Aydin, Aydin. May 18.
- 170225 to 170233. *ANETHUM GRAVEOLENS* L. *Apiaceae*. Dill.
 170225. No. 1421. Agricultural School, Bornova, Izmir. June 5.
 170226. No. 1756. Osman Buku, Aydin. May 17.
 170227. No. 1936. Koycegiz, Mugla. May 24.
 170228. No. 2264. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
 170229. No. 2558. Seed store, Kirklareli, Kirklareli. June 21.
 170230. No. 2677. Director of Agriculture, Edirne, Edirne. June 22.
 170231. No. 2947. *Dereotu*. Ezine, Canakkale. June 26.
 170232. No. 3182. Balikesir, Balikesir. June 29.
 170233. No. 3208. Balya, Balikesir. June 29.
170234. *MATTHIOLA* sp. *Brassicaceae*.
 No. 3025. *Sabbay*. Ayvacik, Canakkale. June 26.
170235. *ARABIS* sp. *Brassicaceae*.
 No. 3686. Adapazari, Kocaeli. July 4.
170236. *ARACHIS HYPOGAEA* L. Fabaceae. Common peanut.
 No. 1942. *Yer Fistik*. Koycegiz, Mugla. May 21. Local type.
170237. *ANTIRRHINUM MAJUS* L. *Scrophulariaceae*. Common snapdragon.
 No. 3010. Canakkale, Canakkale. June 26.
170238. *ANTIRRHINUM* sp.
 No. 3021. *Papatia*. Canakkale, Canakkale. June 26.
170239. *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae. Tall oatgrass.
 No. 3073. Pasture, 70 km. east of Canakkale, Canakkale. June 27.
170240. *ARTEMISIA* sp. *Asteraceae*.
 No. 1745. *Pelin*. Tree Nursery, Burdur, Burdur. May 15.
170241. *ASPHODELUS FISTULOUS* L. Liliaceae. Asphodel.
 No. 1628. Antalya plain about 10 km. west of Manavgat, Antalya.
170242. *ASPHODELINE* sp. Liliaceae. Jacobs-rod.
 No. 3260. Sultancayiri, Susurluk, Balikesir. June 29. Ornamental.
- 170243 to 170247. *AVENA SATIVA* L. Poaceae. Common oats.
 170243. No. 1758. Osman Buku, Aydin. May 17.
 170244. No. 2162. Sarihanli, Yenikoy, Manisa. June 9.
 170245. No. 2304. Seedsman, Bergama, Izmir. June 10.
 170246. No. 2588. Seed dealer, Kirklareli, Kirklareli. June 21. Originally from Kayva, Kirklareli.
 170247. No. 3119. Edremit, Balikesir. June 27.

170182 to 170884.—Continued

- 170248 to 170251. *BETA VULGARIS* L. Chenopodiaceae. Beet.
170248. No. 2247. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Sugar beet.
170249. No. 2693. Director of Agriculture, Edirne, Edirne. June 22. Sugar beet.
170250. No. 3399. Mustafa Kemalpasa, Bursa. July 1. Sugar beet.
170251. No. 3730. Seed exhibit, Adapazari, Kocaeli. July 4. Sugar beet.
170252. *BERBERIS* sp. Berberidaceae. Barberry.
- No. 3665. Arifiye Station, Adapazari, Kocaeli. Ornamental.
170253. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae. Ramie.
- No. 1527. *Rami*. Tropical Plant Breeding Station, Antalya, Antalya. May 11.
170254. *BRIZA* sp. Poaceae.
- No. 2317. Istanbul Tree Nursery Farm, Beykoz, Istanbul. June 11.
- 170255 to 170259. *BROMUS* sp. Poaceae.
170255. *BROMUS* sp.
- No. 1897. Fethiye, Mugla. June 22.
170256. *BROMUS* sp.
- No. 2159. Sarihanli, Yenikoy, Manisa. June 9. Wild type.
170257. *BROMUS* sp.
- No. 2436. Director of Agricultural School, Cayirova, Kocaeli. June 18.
170258. *BROMUS* sp.
- No. 3198. Ayvatlar, Balikesir. June 29.
170259. *BROMUS* sp.
- No. 3621. Yalova, Istanbul, July 3.
- 170260 and 170261. *CAESALPINIA GILLIESII* (Hook.) Wall. Fabaceae.
170260. No. 1442. Tree and Flower Station, Bornova, Izmir. June 5.
170261. No. 1979. Aydin, Aydin. May 18.
170262. *CALENDULA OFFICINALIS* L. Asteraceae. Pot marigold.
- No. 2432. Director of Agricultural School, Cayirova, Kocaeli. June 18. Flowers yellow.
- 170263 to 170272. *CANNABIS SATIVA* L. Moraceae. Hemp.
170263. No. 1379. Agricultural School, Bornova, Izmir. June 5.
170264. No. 1560. *Kendir*. Korkuteli, Antalya. May 12.
170265. No. 1682. Tropical Plant Breeding Station, Antalya, Antalya.
170266. No. 1692. Village of Yukari Karaman, Antalya. May 14.
170267. No. 1715. Market, Burdur, Burdur. May 15. Local type.
170268. No. 2010. *Kenevir*. Seed store, Manisa, Manisa. June 7. Originally from village of Hacihaliller.
170269. No. 2041. *Kenevir*. Salihli, Manisa. June 8.
170270. No. 3084. Can, Canakkale. June 27.
170271. No. 3488. *Kenevir*. Seed store, Bursa, Bursa. July 2. Originally from nearby valley.
170272. No. 3534. Seed store, Bursa, Bursa.

170182 to 170884.—Continued

170273 to 170275. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**

170273. No. 1399. *Aspir.* Agricultural School, Bornova, Izmir. June 5.

170274. No. 2814. *Aspir.* Kesan, Edirne. June 24. Originally from Bagce, Edirne.

170275. No. 3364. Bandirma, Balikesir. June 30.

170276. *CASSIA ABSUS* L. Fabaceae.

No. 2091. Market, Akhisar, Manisa. June 9.

170277 to 170279. *CASUARINA* spp. Casuarinaceae.

170277. *CASUARINA* sp.

No. 1699. Lokanta Garden, Pinarbasi, Antalya. May 15.

170278. *CASUARINA* sp.

No. 1851. Director of Government Farm, Dalaman Ciftligi, Manisa. May 21.

170279. *CASUARINA EQUISETIFOLIA* Stickm. **Horsetail-tree.**

No. 2397. Presented by Prof. Fikret Saatcioglu, Director, Orman Fakultesi, Buyukdere, Istanbul. June 15.

170280. *CATALPA BIGNONIOIDES* Walt. Bignoniaceae.

No. 2401. Presented by Prof. Fikret Saatcioglu, Director, Orman Fakultesi, Buyukdere, Istanbul. June 15.

170281. *CATALPA* sp.

No. 3687. Seed exhibit, Adapazari, Kocaeli. July 4.

170282 to 170285. *CEDRUS LIBANENSIS* JUSS. Pinaceae. **Cedar of Lebanon.**

170282. No. 1655. Forest Department, Manavgat, Antalya. May 14. Originally from mountain of 1,500–1,800 m.

170283. No. 2383. Buyukdere, Istanbul. June 15.

170284. No. 2385. Buyukdere, Istanbul. June 15.

170285. No. 2399. Buyukdere, Istanbul. June 15.

170286. *CELOSIA* sp. Amaranthaceae.

No. 2909. *Horoz Ibigi.* Ayvacik, Canakkale. June 26.

170287. *CELOSIA* sp.

No. 3719. Seed exhibit, Adapazari, Kocaeli. July 4.

170288 and 170289. *CERATONIA SILIQUA* L. Fabaceae. **Carob.**

170288. No. 1684. Village of Yukari Karaman, Antalya. May 14.

170289. No. 1915. Zeyve, Mugla. May 23.

170290 to 170294. *CERCIS* spp. Fabaceae.

170290. *CERCIS SILIQUASTRUM* L. **Judas-tree.**

No. 1436. Agricultural School, Bornova, Izmir. June 5. Ornamental tree with brilliant red flowers.

170291. *CERCIS* sp.

No. 1744. *Erguvan.* Tree Nursery, Burdur, Burdur. May 15.

170292. *CERCIS SILIQUASTRUM* L. **Judas-tree.**

No. 2407. Buyukdere, Istanbul. June 15.

170293. *CERCIS* sp.

No. 2434. *Erguvan.* Director of Agricultural School, Cayirova, Kocaeli. June 18.

170294. *CERCIS* sp.

No. 3828. Kulturk Park, Izmir, Izmir. July 8.

170182 to 170884.—Continued

170295. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae. **Lawson cypress.**
No. 2395. Buyukdere, Istanbul.
170296. *CHLORIS* sp. Poaceae.
No. 3078. Pasture, 70 km. east of Canakkale, near Can. June 27. Growing under thorny shrubs.
170297. *CHRYSANTHEMUM* sp. Asteraceae.
No. 1679. Tropical Plant Breeding Station, Antalya, Antalya. May 14.
170298. *CHRYSANTHEMUM* sp.
No. 3012. *Beyaz Bapatia*. Ayvacik, Canakkale. June 26.
- 170299 to 170310. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**
170299. No. 1489. Seed store, Manisa, Manisa. June 7. Originally from Cobanisa.
170300. No. 1580. Market, Korkuteli, Antalya. May 12. Local type.
170301. No. 1584. Market, Korkuteli, Antalya. May 12. Originally from Sogut, Bilecik.
170302. No. 1600. Elmalı, Antalya. May 12.
170303. No. 1641. Manavgat, Antalya. May 13.
170304. No. 1662. Serik, Antalya. May 14. Originally from Karaburun, Izmir.
170305. No. 1675. Serik, Antalya. Originally from village of Kara Dag, Erzincan.
170306. No. 1685. Village of Yukari Karaman, 20 km. northwest of Antalya, Antalya. May 14.
170307. No. 1990. Ephesus, Selcuk, Izmir. May 26.
170308. No. 2004. Seed store, Manisa, Manisa. June 7. Local type.
170309. No. 2016. Seed store, Manisa, Manisa. June 7.
170310. No. 2441. Director of Agricultural School, Cayirova, Kocaeli. June 18. Spanish type.
170311. *CICHORIUM ENDIVIA* L. Asteraceae. **Endive.**
No. 2341. Seed store, Istanbul, Istanbul. June 14.
170312. *CIRSIIUM* sp. Asteraceae.
No. 2633. *Deve Dikeni*. Seed store, Babaeski, Kirklareli. June 21. Wild thistle.
- 170313 to 170317. *CORCHORUS* spp. Tiliaceae. **Jute.**
170313. *CORCHORUS CAPSULARIS* L.
No. 1380. Agricultural School, Bornova, Izmir. June 5.
170314. *CORCHORUS OLITORIUS* L.
No. 1518. Tropical Plant Breeding Station, Antalya, Antalya. May 11. Local type.
- 170315 to 170317. *CORCHORUS CAPSULARIS* L.
170315. No. 1525. Tropical Plant Breeding Station, Antalya, Antalya. May 11. Local type.
170316. No. 1873. Director of Government Farm, Dalaman Ciftlik, Gumusane. May 21. Indian type.
170317. No. 1874. Director of Government Farm, Dalaman Ciftlik, Gumusane. May 21.

170182 to 170884.—Continued

- 170318 to 170320. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**
 170318. No. 1937. *Kismis*. Agriculture teacher, Koycegiz, Mugla. May 24.
 170319. No. 2348. Seed store, Istanbul, Istanbul. June 10.
 170320. No. 3550. Seed store, Bursa, Bursa. July 2.
- 170321 to 170326. *CORNUS MAS* L. Cornaceae. **Cornelian-cherry.**
 170321. No. 2146. Market, Akhisar, Manisa. June 9. Local type.
 170322. No. 2439. Director of Agricultural School, Cayirova, Kocaeli. June 18.
 170323. No. 2901. Seed store, Canakkale, Canakkale. June 25.
 170324. No. 3491. Seed store, Bursa, Bursa. July 2. Originally from vicinity of Mount Olympus, Ulu Dag, Tekirdag.
 170325. No. 3724. Seed exhibit, Adapazari, Kocaeli. July 4.
 170326. No. 3773. Tarsus, Icel. July 8. Originally from Namrun, Icel.
170327. *COUSINIA* sp. Asteraceae. **Taimat.**
 No. 1565. *Diken Kahvesi*. Korkuteli, Antalya. May 12.
170328. *COUSINIA* sp.
 No. 1596. Elmali, Antalya. May 12.
170329. *CRATAEGUS* sp. Rosaceae.
 No. 3731. Seed exhibit, Adapazari, Kocaeli. July 4. Wild type.
170330. *CUMINUM CYMINUM* L. Apiaceae. **Cumin.**
 No. 2221. *Kinyon*. Kinik, Izmir. June 9.
- 170331 to 170339. *CUPRESSUS* spp. Pinaceae. **Cypress.**
 170331. *CUPRESSUS* sp.
 No. 1435. Agricultural School, Bornova, Izmir. June 5.
170332. *CUPRESSUS SEMPERVIRENS* L. **Italian cypress.**
 No. 1695. Forest Department, Antalya, Antalya. May 15. Collected near shore.
170333. *CUPRESSUS* sp.
 No. 1743. Tree Nursery, Burdur, Burdur. May 15.
170334. *CUPRESSUS SEMPERVIRENS* L. **Italian cypress.**
 No. 1806. City park, Mugla, Mugla. May 19.
170335. *CUPRESSUS* sp.
 No. 1984. Market, Aydin, Aydin. May 18.
170336. *CUPRESSUS SEMPERVIRENS* L. **Italian cypress.**
 No. 2468. Agricultural School, Cayirova, Kocaeli. June 18.
170337. *CUPRESSUS* sp.
 No. 2481. Agricultural School, Cayirova, Kocaeli. June 18.
170338. *CUPRESSUS* sp.
 No. 3816. *Servi*. Antakya, Hatay. July 8.
170339. *CUPRESSUS SEMPERVIRENS* L. **Italian cypress.**
 No. 3827. Kulturk Park, Izmir, Izmir. July 8.
- 170340 and 170341. *CYDONIA OBLONGA* Mill. Rosaceae. **Quince.**
 170340. No. 2479. *Ayva*. Agricultural School, Cayirova, Kocaeli. June 18.
 170341. No. 3723. Seed exhibit, Adapazari. Kocaeli. July 4.

170182 to 170884.—Continued

170342. *CYNARA SCOLYMUS* L. Asteraceae. Artichoke.
No. 2083. Market, Akhisar, Manisa. June 9.
170343. *CYNOSURUS ECHINATUS* L. Poaceae.
No. 3619. Yalova, Istanbul. July 3.
- 170344 to 170347. *DACTYLIS* spp. Poaceae.
170344 to 170346. *DACTYLIS GLOMERATA* var. *HISPANICA* (Roth.) Duby.
170344. No. 2870. Five km. south of Gelibolu, Canakkale. June 25.
170345. No. 2933. Seventeen km. south of Canakkale, Canakkale. June 26.
170346. No. 3080. Seventy km. east of Canakkale, near Can, Canakkale, June 27. Growing in protection of thorny shrubs.
170347. *DACTYLIS* sp.
No. 3617. Yalova, Istanbul. July 3.
170348. *DAHLIA* sp. Asteraceae.
No. 1438. Agricultural School, Bornova, Izmir. June 5.
170349. *ZINNIA* sp. Asteraceae.
No. 1974. Market, Aydin, Aydin. May 18.
170350. *DELPHINIUM* sp. Ranunculaceae. Larkspur.
No. 1976. *Katnerli*. Market, Aydin, Aydin. May 18.
- 170351 to 170353. *DIANTHUS* spp. Caryophyllaceae. Pink.
170351. *DIANTHUS* sp.
No. 1968. *Karanfil*. Market, Aydin, Aydin.
170352. *DIANTHUS* sp.
No. 3714. *Husnuyusuf*. Seed exhibit, Adapazari, Kocaeli. July 4.
170353. *DIANTHUS CARYOPHYLLUS* L. Carnation.
No. 3772. *Topkaranfil*. Sultancayir, Susurluk, Balikesir. June 29.
170354. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.
No. 2006. Seed store, Manisa, Manisa. June 7.
- 170355 to 170358. *ELAEAGNUS ANGUSTIFOLIA* L. Elaeagnaceae. Russian-olive.
170355. No. 2316. *Igde*. Soma, Manisa. June 11. Drought-resistant.
170356. No. 2760. Seed store, Muratli, Tekirdag. June 24.
170357. No. 2835. Gelibolu, Canakkale. June 25. Originally from Sarkoy, Tekirdag.
170358. No. 3740. Seed exhibit, Adapazari, Kocaeli. July 4.
170359. *ELYMUS* sp. Poaceae.
No. 2488. Ten km. west of Babaeski, Kirklareli. June 21.
170360. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Rosaceae. Loquat.
No. 1881. Fethiye, Mugla. May 22.
- 170361 and 170362. *ERUCA SATIVA* Mill. Brassicaceae. Rocket-salad.
170361. No. 3457. Karacabey, Bursa. July 1.
170362. No. 2094. *Roka*. Market, Akhisar, Manisa. June 9.
170363. *ERYTHRINA CRISTA-GALLI* L. Fabaceae.
No. 1437. Tree and Flower Station, Bornova, Izmir. June 5. Ornamental tree with brilliant red flowers.

170182 to 170884.—Continued

170364. *EUCALYPTUS* sp. Myrtaceae.

No. 1430. Tree and Flower Station, Bornova, Izmir. June 5. Ornamental tree with brilliant red flowers.

170365. *EUCALYPTUS* sp.

No. 1697. Forest Department, Antalya, Antalya. May 15. Originally from Kalkan, Antalya.

170366. *EUCALYPTUS CAMALDULENSIS* Dehnh.

No. 2387. Faculty of Forestry, Buyukdere, Istanbul. June 15.

170367. *EUONYMUS* sp. Celastraceae.No. 1799. *Taftan*. Director of Agriculture, Mugla, Mugla. May 19. Shrub used for hedges.170368. *FAGUS ORIENTALIS* Lipsky. Fagaceae.

Oriental beech.

No. 2392. Faculty of Forestry, Buyukdere, Istanbul. June 15.

170369. *FRAXINUS OXYCARPA* Willd. Oleaceae.

Ash.

No. 2380. Faculty of Forestry, Buyukdere, Istanbul. June 15.

170370. *FRAXINUS ORNUS* L.

Flowering ash.

No. 2382. Faculty of Forestry, Buyukdere, Istanbul. June 15. Old seed.

170371. *FREESIA REFRACTA* (Jacq.) Klatt. Iridaceae.No. 1443. *Kaysi Cicegi*. Tree and Flower Station, Bornova, Izmir. June 5.170372. *GAILLARDIA* sp. Asteraceae.

No. 3720. Seed exhibit, Adapazari, Kocaeli. July 4.

170373 to 170379. *GLEDITSIA* spp. Fabaceae.170373. *GLEDITSIA CASPICA* Desf.

No. 1711. Burdur, Burdur. May 15. Ornamental tree.

170374 to 170376. *GLEDITSIA TRIACANTHOS* L.

Honeylocust.

170374. No. 1808. Aydin, Aydin. May 18.

170375. No. 2322. Seed store, Istanbul, Istanbul. June 14.

170376. No. 2435. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170377. *GLEDITSIA CASPICA* Desf.

No. 3036. Director of Agriculture, Canakkale, Canakkale. June 26.

170378 and 170379. *GLEDITSIA TRIACANTHOS* L.

Honeylocust.

170378. No. 3056. Director of Agriculture, Canakkale, Canakkale. June 26.

170379. No. 3728. Seed exhibit, Adapazari, Kocaeli. July 4.

170380 to 170382. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

170380. No. 1396. Agricultural School, Bornova, Izmir. June 5.

170381. No. 3253. Seed store, Balikesir, Balikesir. June 29.

170382. No. 3672. Seed exhibit, Adapazari, Kocaeli. July 4.

170383. *GOMPHRENA GLOBOSA* L. Amaranthaceae. Common globe-amaranth.No. 3006. *Dume*. Ayvacik, Canakkale. June 26.170384. *HAYNALDIA VILLOSA* (L.) Schur. Poaceae.

No. 2643. Fifteen km. east of Edirne, Edirne. June 22.

170385 to 170431. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.

170385. No. 1397. Agricultural School, Bornova, Izmir. June 5.

170386. No. 1526. *Aycicegi*. Tropical Plant Breeding Station, Antalya, Antalya. May 11.

170182 to 170884.—Continued

170385 to 170431.—Continued

170428. No. 3579. Seed store, Bursa, Bursa. July 2.

170429. No. 3613. Seed store, Gemlik, Bursa. July 3.

170430. No. 3767. Adapazari, Kocaeli. July 4.

170431. No. 4030. Cumra, Konya.

170432. *HELICHRYSUM* sp. Asteraceae.No. 1977. *Kahat*. Florist, Aydin, Aydin. May 18.170433 and 170434. *HIBISCUS CANNABINUS* L. Malvaceae.

Kenaf.

170433. No. 1519. Tropical Plant Breeding Station, Antalya, Antalya. May 11. Local type.

170434. No. 1871. Director of Government Farm, Dalaman Ciftligi, Mugla. May 21. Originally from England.

170435. *HORDEUM VULGARE* L. Poaceae.

Barley.

No. 1758-B. Village of Osman Buku, Aydin. May 17.

170436. *HAYNALDIA VILLOSA* (L.) Schur. Poaceae.

No. 2771. Two km. north of Tekirdag, Tekirdag. June 24.

170437. *HUMULUS LUPULUS* L. Moraceae.

Hop.

No. 3713. Seed exhibit, Adapazari, Kocaeli. July 4.

170438 to 170441. *IMPATIENS BALSAMINA* L. Balsaminaceae. Garden balsam.

170438. No. 1740. Tree nursery, Burdur, Burdur. May 15.

170439. No. 1796. *Gelin Mumu*. Director of Agriculture, Mugla, Mugla. May 19.

170440. No. 1926. Koycegiz, Mugla. May 24.

170441. No. 3000. Ayvacik, Canakkale. June 26.

170442. *INDIGOFERA* sp. Fabaceae.

No. 2499. Fifteen km. north of Babaeski, Kirklareli. June 24.

170443. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae.

Common morning-glory.

No. 1840. Market, Mugla, Mugla. May 20.

170444 to 170453. *MEDICAGO* spp. Fabaceae.170444. *MEDICAGO FALCATA* L.

Yellow-flowered alfalfa.

No. 7108. Ten km. west of Bayburt, Gumusane. Aug. 4.

170445 to 170447. *MEDICAGO SATIVA* L.

Alfalfa.

170445. No. 7140. Elsrek, Gumusane. Aug. 5.

170446. No. 7150. Village of Sunur, Bayburt, Gumusane. Aug. 5.

170447. No. 7175. Village of Moden, Bayburt, Gumusane. Aug. 6.

170448. *MEDICAGO* sp.

No. 7185. Village of Moden, Bayburt, Gumusane. Aug. 6.

170449 and 170450. *MEDICAGO SATIVA* L.

Alfalfa.

170449. No. 7240. Village of Horasan, Pasinler, Erzurum. Aug. 8.

170450. No. 7244. Village of Horasan, Pasinler, Erzurum. Aug. 8.

170451. *MEDICAGO* sp.

No. 7257. Village of Zivin, Sarakamis, Kars.

170452 and 170453. *MEDICAGO SATIVA* L.

Alfalfa.

170452. No. 7273. Yoglobasan, Sarikamis, Kars. Aug. 9. On dry hillside, gravelly soil, at 2,000 m. elevation.

170453. No. 7289. Dere Ici, Kars. Aug. 10.

170182 to 170884.—Continued

170454. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae.

Common morning-glory.

No. 3017. *Sarmasik*. Agricultural Agent, Ayvacik, Canakkale. June 26.170455. *IPOMOEA* sp.

Morning-glory.

No. 3693. Seed exhibit, Adapazari, Kocaeli. July 4.

170456. *JUGLANS REGIA* L. Juglandaceae.

Persian walnut.

No. 3230. *Cevis*. Balya, Balikesir. June 29.170457 to 170461. *JUNIPERUS* spp. Pinaceae.170457. *JUNIPERUS PHOENICEA* L.

Phoenicean juniper.

No. 2379. Faculty of Forestry, Buyukdere, Istanbul. June 5. Originally from Antalya, Antalya.

170458. *JUNIPERUS EXCELSA* Bieb.

No. 2384. Faculty of Forestry, Buyukdere, Istanbul. June 5. Originally from Antalya, Antalya.

170459. *JUNIPERUS SABINA* L.

Savin.

No. 2409. Faculty of Forestry, Buyukdere, Istanbul. June 5. Originally from Antalya, Antalya.

170460 and 170461. *JUNIPERUS OXYCEDRUS* L.

Prickly juniper.

170460. No. 3674. *Ardic*. Seed exhibit, Adapazari, Kocaeli. July 4.

170461. No. 3692. Seed exhibit, Adapazari, Kocaeli. July 4.

170462. *KOELBREUTERIA PANICULATA* LAM. Sapindaceae.

Goldenrain-tree.

No. 1434. Agricultural School, Bornova, Izmir. June 5.

170463 to 170463. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.

170463. No. 1446. *Asma Kabagi*. Seed store, Manisa, Manisa. June 7.

170464. No. 1477. Seed store, Manisa, Manisa. Very long type.

170465. No. 1619. *Boyunli*. Director of Agriculture, Antalya, Antalya. May 13.

170466. No. 2119. Market, Akhisar, Manisa. June 9.

170467. No. 2336. *Susak Kabak*. Seed store, Istanbul. June 14.170468. No. 3556. *Karasik*. Seed store, Bursa, Bursa. Collected by Prof. Vamik Taysi. July 2.170469 to 170473. *LATHYRUS* spp. Fabaceae.170469 and 170470. *LATHYRUS SATIVUS* L.

Bittervetch.

170469. No. 1402. *Murdumuk*. Agricultural School, Bornova, Izmir. June 5.170470. No. 1703. *Fasil*. Bucak, Burdur. May 15.170471 to 170473. *LATHYRUS ODORATUS* L.

Sweetpea.

170471. No. 1971. *Nezende*. Market, Aydin, Aydin. May 18.170472. No. 2370. *Sekayik*. Seed store, Istanbul, Istanbul. June 14.

170473. No. 2421. Seed vendor, Istanbul, Istanbul. June 17.

170474. *VICIA* sp. Fabaceae.

No. 2831. Imros Gulf, Canakkale. June 25.

170475. *VICIA* sp.

No. 2831-B. Imros Gulf, Canakkale. June 25.

170476. *LATHYRUS ODORATUS* L. Fabaceae.

Sweetpea.

No. 3259. Susurluk, Balikesir. June 29.

170182 to 170884.—Continued

170477. *LATHYRUS SATIVUS* L. Bittervetch.
No. 3461. Karacabey, Bursa. July 1.
- 170478 to 170481. *LENS CULINARIS* Medic. Fabaceae. Lentil.
170478. No. 1629. *Mercimek*. Manavgat, Antalya. May 13.
170479. No. 1669. Serik, Antalya. May 14. Originally from village of Ayanos.
170480. No. 2012. Seed store, Manisa, Manisa. June 7. Originally from Tavsanlı, Kutahya.
170481. No. 2015. Seed store, Manisa, Manisa. June 7. Originally from Tavsanlı, Kutahya.
- 170482 to 170490. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
170482. No. 1407. Agricultural School, Bornova, Izmir. June 5.
170483. No. 1561. *Gerdeme*. Village of Sulekler, Korkuteli, Antalya. May 12.
170484. No. 1624. *Gerdeme*. Director of Agriculture, Antalya, Antalya. May 13.
170485. No. 2022. *Roka*. Seed store, Manisa, Manisa. June 7.
170486. No. 2036. Salihli, Manisa. June 8.
170487. No. 2045. Salihli, Manisa. June 8.
170488. No. 2277. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.
170489. No. 3090. Can, Canakkale. June 27.
170490. No. 3225. Balya, Balikesir. June 29.
170491. *LIGUSTRUM* sp. Oleaceae. Privet.
No. 3689. Seed exhibit, Adapazari, Kocaeli. July 4.
170492. *LIGUSTRUM* sp. Privet.
No. 3828. Kulturk Park, Izmir. July 8.
- 170493 to 170514. *LINUM USITATISSIMUM* L. Linaceae. Flax.
170493. No. 1373. Agricultural School, Bornova, Izmir. June 5.
170494. No. 1570. *Karaman*. Korkuteli, Antalya. May 12.
170495. No. 1577. *Isparta*. Korkuteli, Antalya. Originally from village of Yoka, Korkuteli, Antalya.
170496. No. 1593. Elmali, Antalya. May 12. Local type.
170497. No. 1701. Bucak, Burdur. May 15.
170498. No. 1723. Market, Burdur, Burdur. May 15.
170499. No. 2170. Seed store, Soma, Manisa. June 9. Originally from Konya Province.
170500. No. 2610. Seed store, Babaeski, Kirklareli. June 21.
170501. No. 3648. Havza, Samsun. June 22.
170502. No. 2737. Tekirdag, Tekirdag. June 24.
170503. No. 2805. Kesan, Edirne. June 24.
170504. No. 2852. Gelibolu, Canakkale. June 25.
170505. No. 3247. Balikesir, Balikesir. June 29.
170506. No. 3270. Bandirma, Balikesir. June 30.
170507. No. 3303. Ergili, Balikesir. June 30.
170508. No. 3316. Seed store, Manyas, Balikesir. June 30.
170509. No. 3356. Bandirma, Balikesir. June 30.
170510. No. 3361. Bandirma. June 30. Summer type.

170182 to 170884.—Continued

170493 to 170514.—Continued

170511. No. 3371. *Bandirma*. June 30. Summer type.

170512. No. 3511. Seed store, Bursa, Bursa. July 2.

170513. No. 3622. Director of Agriculture, Izmit, Kocaeli. July 4. Winter type.

170514. No. 3768. *Kandira*. Adapazari, Kocaeli. July 4.

170515. *LIQUIDAMBAR ORIENTALIS* Mill. Hamamelidaceae.

Oriental sweetgum.

No. 1944. *Gunluk*. Forest Director, Mugla, Mugla. May 24.

170516 to 170521. *LOLIUM* spp. Poaceae.

Ryegrass.

170516. *LOLIUM TEMULENTUM* L.

Darnel.

No. 1857. *Delice*. Director of Government Farm, Dalaman Ciftligi, Mugla. May 21.

170517. *LOLIUM* sp.

No. 2062. Dambayli, Manisa. June 8.

170518. *LOLIUM TEMULENTUM* L.

Darnel.

No. 2076. Salihli, Manisa. June 8.

170519. *LOLIUM MULTIFLORUM* Lam.

Italian ryegrass.

No. 2368. Seed store, Istanbul, Istanbul. June 14. Local cultivated type.

170520. *LOLIUM TEMULENTUM* L.

Darnel.

No. 3041. *Delice Arpa*. Director of Agriculture, Canakkale, Canakkale. June 26.

170521. *LOLIUM PERENNE* L.

Perennial ryegrass.

No. 3462. Karacabey, Bursa. July 1.

170522. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae.

Singkwa towelgourd.

No. 1515. Tropical Plant Breeding Station, Antalya, Antalya. May 11. Local type.

170523 to 170530. *LUPINUS* spp. Fabaceae.

Lupine.

170523. *LUPINUS* sp.

No. 1384. *Aci Bakla*. Agricultural School, Bornova, Izmir. June 5. Cultivated type.

170524. *LUPINUS ALBUS* L.

White lupine.

No. 1673. *Terinis*. Serik, Antalya. May 15.

170525. *LUPINUS HIRSUTUS* L.

European blue lupine.

No. 1855. Government Farm, Dalaman Ciftligi, Mugla. May 21.

170526. *LUPINUS* sp.

No. 2437. Agricultural School, Cayirova, Kocaeli. June 18.

170527. *LUPINUS ANGUSTIFOLIUS* L.

No. 3064. Twenty-five km. east of Canakkale, Canakkale. June 27.

170528. *LUPINUS ALBUS* L.

White lupine.

No. 3459. Karacabey, Bursa. July 1.

170529. *LUPINUS ANGUSTIFOLIUS* L.

No. 3464. Karacabey, Bursa. July 1.

170530. *LUPINUS HIRSUTUS* L.

European blue lupine.

No. 3673. Seed exhibit, Adapazari, Kocaeli. July 4.

170182 to 170884.—Continued

170531. *MALVA* sp. Malvaceae.No. 3007. *Ebegomeci*. Ayvacik, Canakkale. June 26.170532 to 170553. *MEDICAGO* spp. Fabaceae.170532. *MEDICAGO SATIVA* L.

Alfalfa.

No. 1377. Agricultural School, Bornova, Izmir. June 5.

170533. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

No. 1501. Director of Agriculture, Antalya, Antalya. May 10.

170534 to 170536. *MEDICAGO SATIVA* L.

Alfalfa.

170534. No. 1602. Elmali, Antalya. May 12. Local type.

170535. No. 1720. *Yonca*. Market, Burdur, Burdur. May 15.170536. No. 1875. Director of Government Farm, Dalaman Ciftligi, Mugla. May 21. *Kayseri* type.170537. *MEDICAGO* sp.

No. 1899. Forest Station Office, Fethiye, Mugla. May 22.

170538. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

No. 1899-A. Forest Station Office, Fethiye, Mugla. May 22.

170539. *MEDICAGO HISPIDA* Gaertn.

Burclover.

No. 1911. Village of Zeyve, Fethiye, Mugla. May 23.

170540. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

No. 1911-A. Village of Zeyve, Fethiye, Mugla. May 23.

170541. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

No. 2057. Dambayli, Manisa. June 8.

170542. *MEDICAGO HISPIDA* Gaertn.

Burclover.

No. 2057-A. Dambayli, Manisa. June 8.

170543. *MEDICAGO SATIVA* L.

Alfalfa.

No. 2623. Seed store, Babaeski, Kirklareli. June 21.

170544. *MEDICAGO HISPIDA* Gaertn.

Burclover.

No. 2638-B. Fifteen km. east of Edirne, Edirne. June 22.

170545. *MEDICAGO* sp.

No. 2775. Four km. north of Muratli, Tekirdag. June 24.

170546 to 170548. *MEDICAGO HISPIDA* Gaertn.

Burclover.

170546. No. 2783. Twenty-five km. west of Tekirdag, Tekirdag.

170547. No. 2821. Five km. south of Kesan, Edirne. June 25.

170548. No. 2828. Ten km. south of Kesan, Edirne.

170549. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

No. 2868. Five km. south of Gelibolu, Canakkale. June 25.

170550. *MEDICAGO HISPIDA* Gaertn.

Burclover.

No. 2874. Five km. south of Gelibolu, Canakkale. June 25.

170551. *MEDICAGO SATIVA* L.

Alfalfa.

No. 3034. *Yonca*. Director of Agriculture, Canakkale, Canakkale. June 26.170552. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

No. 3302. Ergili, Balikesir. June 30.

170553. *MEDICAGO SATIVA* L.

Alfalfa.

No. 3676. Seed exhibit, Adapazari, Kocaeli. July 4.

170182 to 170884.—Continued

170554. *MELICA CILIATA* L. Poaceae.

No. 1444. Tree and Flower Station, Bornova, Izmir. June 5.

170555. *MIMOSA* sp. Fabaceae.No. 1980. *Kusmebana*. Aydin, Aydin. May 18.170556. *MORUS ALBA* L. Moraceae.

White mulberry.

No. 2473. Director of Agricultural School, Cayirova, Kocaeli. June 18.

170557. *NERIUM OLEANDER* L. Apocynaceae.

Oleander.

No. 1534. Tropical Plant Breeding Station, Antalya, Antalya. May 11.

170558 to 170571. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

170558. No. 1381. Agricultural School, Bornova, Izmir. June 5. Selection No. 64.

170559. No. 1625. Serik, Antalya. May 13. Selection No. 64. Originally grown in Buca region of Izmir.

170560. No. 1892. Village of Uzumlu, Fethiye, Mugla. May 22. Turkish type.

170561. No. 2077. Salihli, Manisa. June 8. Local type.

170562. No. 2100. *Basibagli*. Market, Akhisar, Manisa. June 9. Originally from Samsun.170563. No. 2101. *Basma*. Market, Akhisar Manisa. Local type. 1947 crop.170564. No. 2102. *Kabakulak*. Market, Akhisar Manisa. Local type.

170565. No. 2225. Kinik, Izmir. June 9. Originally grown in village of Basibal.

170566. No. 2526. *Kara Tutun*. Village of Meric, Edirne, 10 km. south of Kırklareli, Kırklareli. June 21. Black type.170567. No. 2527. *Aydinova*. Meric, Edirne.

170568. No. 2622. Seed store, Babaeski, Kırklareli. June 21.

170569. No. 2653. Havza, Samsun. June 22.

170570. No. 3100. Can, Canakkale. June 27.

170571. No. 3113. Yenice, Canakkale. June 27.

170572 to 170577. *NIGELLA SATIVA* L. Ranunculaceae.

Black cumin.

170572. No. 1552. *Corekotu*. Market, Korkuteli, Antalya. May 12. Originally from village of Sulekler, Mugla.170573. No. 1836. *Karacaot*. Village of Can, Canakkale. May 20. Used for medicinal purposes.

170574. No. 2275. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Used as a spice.

170575. No. 2661. Government agent, Havza, Samsun. June 22.

170576. No. 3004. Agricultural agent, Ayvacik, Canakkale. June 26. Originally from Bahalar, Canakkale.

170577. No. 3229. Balya, Balikesir. June 29.

170578 to 170581. *OCIMUM BASILICUM* L. Menthaceae.

Common basil.

170578. No. 1982. *Festigen*. Florist, Aydin, Aydin. May 18.

170579. No. 2263. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10.

170580. No. 2423. Seed vendor, Istanbul, Istanbul.

170581. No. 3013. Ayvacik, Canakkale. June 26.

170182 to 170884.—Continued

- 170582 to 170585. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. **Sainfoin.**
 170582. No. 1401. *Korunga*. Agricultural School, Bornova, Izmir. June 5.
 170583. No. 1719. Market, Burdur, Burdur. May 15.
 170584. No. 2824. Five km. south of Kesan, Edirne. June 25.
 170585. No. 3249. Seed store, Balikesir, Balikesir. June 29.
- 170586 to 170604. *PANICUM MILIACEUM* L. Poaceae. **Proso.**
 170586. No. 1773. *Kumdari Beyaz*. Aydin, Aydin. May 18. Originally from Cine, Aydin. White.
 170587. No. 1780. *Sari*. Aydin, Aydin. Yellow.
 170588 to 170591. Seed dealer, Kirkclareli, Kirkclareli.
 170588. No. 2542. June 21.
 170589. No. 2597. Originally from Kadikoy, Istanbul. June 21.
 170590. No. 2598. *Akdari*. June 21. Originally from Bayramdere, Canakkale. White.
 170591. No. 2599.
 170592. No. 2616. Seed store, Babaeski, Kirkclareli. June 21.
 170593. No. 2662. Havza, Samsun. June 22.
 170594. No. 2676. Director of Agriculture, Edirne, Edirne. June 22.
 170595. No. 2692. Director of Agriculture, Edirne, Edirne. June 22.
 170596. No. 2819. Kesan, Edirne.
 170597. No. 2848. Gelibolu, Canakkale. June 25.
 170598. No. 3110. Yenice, Canakkale. June 27.
 170599. No. 3254. Balikesir, Balikesir. June 29.
 170600. No. 3261. Seed store, Bandirma, Balikesir. June 30.
 170601. No. 3285. Seed store, Bandirma. Originally from Manyas.
 170602. No. 3365. Wheat exchange agency in Bandirma.
 170603. No. 3538. Seed store, Bursa. Collected by Prof. Vamik Taysi. July 2. Originally from Orhaneli.
 170604. No. 3559. Seed store, Bursa. Collected by Prof. Vamik Taysi. July 2.
- 170605 to 170613. *PAPAVR SOMNIFERUM* L. Papaveraceae. **Opium poppy.**
 170605. No. 1386. *Hasas*. Agricultural School, Bornova, Izmir. June 5.
 170606. No. 1767. Village of Osman Buku, Aydin. May 17.
 170607. No. 2996. Ayvacik, Canakkale. June 26. Originally from village of Pasakoy, Canakkale.
 170608. No. 3018. Ayvacik, Canakkale. June 26. Originally from village of Bahalar, Canakkale.
 170609. No. 3240. Seed store, Balikesir, Balikesir. June 29.
 170610. No. 3331. Village of Kulak, Balikesir. June 30.
 170611. No. 3335. Village of Kulak, Balikesir. June 30.
 170612. No. 3498. Mustafa Kemalpassa, Bursa. July 2. White.
 170613. No. 3528. Mustafa Kemalpassa, Bursa. July 2.
170614. *PARKINSONIA ACULEATA* L. Fabaceae.
 No. 1433. Tree and Flower Station, Bornova, Izmir. June 15.

170182 to 170884.—Continued

170615 and 170616. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.

170615. No. 2106. Market, Akhisar, Manisa. June 9.

170616. No. 3222. Balya, Balikesir. June 29.

170617. *PETUNIA VIOLACEA* Lindl. Solanaceae.

No. 1983. Florist, Aydin, Aydin. May 18.

170618. *PHALARIS* sp. Poaceae.

No. 1445. Tree and Flower Station, Bornova, Izmir. June 5.

170619. *PHALARIS* sp.

No. 2064. Village of Dambayli, Manisa. June 8.

170620. *PHLEUM* sp. Poaceae.

No. 2280. Bergama, Izmir. June 10.

170621 to 170634. *PHALARIS* spp. Poaceae.

170621. *PHALARIS* sp.

No. 2476. Agricultural School, Cayirova, Kocaeli. June 18.

170622 to 170627. *PHALARIS CANARIENSIS* L. Canary grass.

170622. No. 2491. Ten km. west of Babaeski, Kirklareli. June 21.

170623. No. 2695. Director of Agriculture, Edirne, Edirne. June 22.

170624. No. 2750. Seed store, Tekirdag, Tekirdag. June 24.

170625. No. 2818. Kesan, Edirne. June 22. Originally from Yenice Ciftligi, Mugla.

170626. No. 2839. Gelibolu, Canakkale. June 25. Originally from Kavak, Samsun.

170627. No. 2849. Gelibolu, Canakkale. June 25. Originally from Kavak, Samsun.

170628. *PHALARIS COERULESCENS* Desf.

No. 3077. Seventy km. east of Canakkale, near Can, Canakkale. June 27. Growing in protection of thorny shrubs.

170629. *PHALARIS CANARIENSIS* L. Canary grass.

No. 3136. Seed store, Ayvalik, Balikesir. June 28. Originally from Gelibolu, Canakkale.

170630. *PHALARIS COERULESCENS* Desf.

No. 3197. Ayvatlar, Balikesir. June 29.

170631. *PHALARIS PARADOXA* L.

No. 3200. Ayvatlar, Balikesir. June 29.

170632. *PHALARIS TRUNCATA* Guss.

No. 3307. Village of Okcugol, Balikesir. June 30.

170633 and 170634. *PHALARIS CANARIENSIS* L. Canary grass.

170633. No. 3460. Karacabey, Bursa. July 1.

170634. No. 3537. Seed store, Bursa, Bursa. July 2. Originally from Trakya, Bursa.

170635. *PHLOX DRUMMONDII* Hook. Polemoniaceae.

No. 1986. Market, Aydin, Aydin. May 18.

170636. *PICEA ORIENTALIS* (L.) Carr. Pinaceae. Oriental spruce.

No. 2408. Faculty of Forestry, Buyukdere, Istanbul. July 15. Originally from Trabzon, Trabzon.

170182 to 170884.—Continued

- 170637 to 170642. *PIMPINELLA ANISUM* L. Apiaceae. Anise.
 170637. No. 1521. Tropical Plant Breeding Station, Antalya, Antalya.
 May 11. Local type.
 170638. No. 1708. Bucak, Burdur. May 15.
 170639. No. 2222. Kinik, Izmir. June 9.
 170640. No. 3128. Seed store, Ayvalik, Balikesir. June 28.
 170641. No. 3248. Seed store, Balikesir, Balikesir. June 29.
 170642. No. 3512. Seed store, Bursa, Bursa. July 2. Originally from
 Orhaneli.
- 170643 to 170668. *PINUS* spp. Pinaceae. Pine.
 170643. *PINUS* sp.
 No. 1481. Seed store, Manisa, Manisa. June 7.
 170644. *PINUS NIGRA* Arnold. Austrian pine.
 No. 1656. Forest Department, Manavgat, Antalya. May 14.
 170645. *PINUS HALEPENSIS* var. *BRUTIA* Henry.
 No. 1657. Forest Department, Manavgat, Antalya. May 14. Originally
 from Akseki, Antalya.
 170646. *PINUS PINEA* L. Italian stone pine.
 No. 1658. Forest Department, Manavgat, Antalya. May 14.
 170647. *PINUS HALEPENSIS* var. *BRUTIA* Henry.
 No. 1694. Forest Department, Antalya, Antalya. May 15. Village of
 Yukari Karaman, Antalya.
 170648. *PINUS PINEA* L. Italian stone pine.
 No. 1803. Director of Agriculture, Mugla, Mugla. May 19. Originally
 from Milas, Mugla.
 170649. *PINUS HALEPENSIS* var. *BRUTIA* Henry.
 No. 1945. *Kizilcam*. Forest Director, Mugla, Mugla. May 25.
 170650. *PINUS NIGRA* Arnold. Austrian pine.
 No. 1946. Forest Director, Mugla, Mugla. May 25.
 170651 and 170652. *PINUS PINEA* L. Italian stone pine.
 170651. No. 1947. *Fistikcam*. Forest Director, Mugla, Mugla. May 25.
 170652. No. 2313. Seedsman, Bergama, Izmir. June 10.
 170653 to 170665. Presented by Fikret Saatcioglu, Faculty of Forestry, Buy-
 ukdere, Istanbul. June 15.
 170653. *PINUS HALEPENSIS* var. *BRUTIA* Henry.
 No. 2381. *Kizilcam*. Originally from Fethiye, Mugla.
 170654. No. 2386. Originally from Sarikamis, Kars.
 170654. No. 2386. Originally from Sarikamis, Kars.
 170655. No. 2388. Originally from Akdagmadeni, Yozgat.
 170656. No. 2389. Originally from Bolu, Bolu.
 170657 and 170658. *PINUS HALEPENSIS* var. *BRUTIA* Henry.
 170657. No. 2390. Originally from Adana, Seyhan.
 170658. No. 2391. Adana, Seyhan.
 170659. *PINUS PINEA* L. Italian stone pine.
 No. 2393. *Fistikcam*. Istanbul, Istanbul.

170182 to 170884.—Continued

170643 to 170668.—Continued

170653 to 170665.—Continued

170660. *PINUS PINASTER* Ait.

Cluster pine.

No. 2394. *Sahilcam*. Local type.170661. *PINUS SYLVESTRIS* L.

Scotch pine.

No. 2398. Originally from Ayvancik, Sinop.

170662. *PINUS NIGRA* Arnold.

Austrian pine.

No. 2402. Originally from Dikmentepe, Bolu.

170663. *PINUS SYLVESTRIS* L.

Scotch pine.

No. 2404. Originally from Ardahan, Kars.

170664. *PINUS NIGRA* var. *PALLASIANA* (Lam.) C. Schneid.

No. 2410. Originally from Bogazdere, Mersin.

170665. *PINUS NIGRA* Arnold.

Austrian pine.

No. 2411. Originally from Tavsanli, Kutahya.

170666. *PINUS SYLVESTRIS* L.

Scotch pine.

No. 3679. Seed exhibit, Adapazari, Kocaeli. July 4.

170667 and 170668. *PINUS NIGRA* Arnold.

Austrian pine.

Seed exhibit, Adapazari, Kocaeli. July 4.

170667. No. 3680.

170668. No. 3681.

170669. *PISUM SATIVUM* L. Fabaceae.

Common pea.

No. 3698. Seed exhibit, Adapazari, Kocaeli. July 4.

170670. *PLANTAGO* sp. Plantaginaceae.

Plantain.

No. 2475. Agricultural School, Cayirova, Kocaeli. June 18.

170671 and 170672. *PLATANUS ORIENTALIS* L. Platanaceae.

Oriental planetree.

170671. No. 2430. Agricultural School, Cayirova, Kocaeli. June 18.

170672. No. 3815. *Cinar*. Antalya, Hatay. July 8.170673. *POA BULBOSA* L. Poaceae.

No. 2003. Ephesus, Sencuk, Izmir. May 26.

170674 to 170678. *PORTULACA OLERACEA* L. Portulacaceae. Common purslane.

170674. No. 1406. Agricultural School, Bornova, Izmir. June 5.

170675. No. 1616. Director of Agriculture, Antalya, Antalya. May 13.

170676. No. 2690. Director of Agriculture, Edirne, Edirne. June 22.

170677. No. 2965. Ezine, Canakkale. June 26.

170678. No. 2986. Ezine, Canakkale. June 26.

170679. *PTELEA TRIFOLIATA* L. Rutaceae.

Hoptree.

No. 2400. Faculty of Forestry, Buyukdere, Istanbul. June 15. Local type.

170680. *QUERCUS* sp. Fagaceae.

Oak.

No. 1917. Koycegiz, Mugla. May 24.

170681. *QUERCUS* sp.

Oak.

No. 2406. Faculty of Forestry, Buyukdere, Istanbul. June 15. Originally from Refahiye, Erzincan.

170182 to 170884.—Continued

- 170682 to 170687. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**
 170682. No. 1393. Agricultural School, Bornova, Izmir. June 5.
 170683. No. 1431. Tree and Flower Station, Bornova, Izmir.
 170684. No. 1512. *Kahverengi*. Tropical Plant Breeding Station, Antalya, Antalya. May 11.
 170685. No. 1524. *Acik Kahverengi*. Tropical Plant Breeding Station, Antalya, Antalya. May 11.
 170686. No. 2334. Seed store, Istanbul, Istanbul. June 14.
 170687. No. 3695. Seed exhibit, Adapazari, Kocaeli. July 4. 1945 crop.
- 170688 to 170694. *ROBINIA PSEUDOACACIA* L. Fabaceae. **Black locust.**
 170688. No. 1441. Tree and Flower Station, Bornova, Izmir. June 5.
 170689. No. 2412. Faculty of Forestry, Buyukdere, Istanbul. June 15.
 170690. No. 2482. *Yildiz Bacesi*. Sultan's park, Istanbul, Istanbul. June 19.
 170691. No. 3035. Director of Agriculture, Canakkale, Canakkale. June 26.
 170692. No. 3047. *Akasya*. Director of Agriculture, Canakkale, Canakkale. June 26.
 170693. No. 3718. Seed exhibit, Adapazari, Kocaeli. July 4.
 170694. No. 3742. Seed exhibit, Adapazari, Kocaeli. July 4.
170695. *ROSA CANINA* L. Rosaceae. **Dog rose.**
 No. 3727. Seed exhibit, Adapazari, Kocaeli. July 4.
170696. *ROSA* sp.
 No. 3741. *Alic*. Seed exhibit, Adapazari, Kocaeli. July 4.
- 170697 to 170702. *RUMEX CRISPUS* L. Polygonaceae.
 170697. No. 2820. Kesan, Edirne. June 25. Green stage.
 170698. No. 2830. Imros Gulf, Canakkale. June 25.
 170699. No. 2916. Twenty km. south of Gelibolu, Canakkale.
 170700. No. 3001. Ayvacik, Canakkale. June 26.
 170701. No. 3024. Ayvacik, Canakkale. June 26.
 170702. No. 3199. Ayvatlar, Balikesir. June 29.
170703. *RUSCUS ACULEATUS* L. Liliaceae. **Butchersbroom.**
 No. 3668. *Ruskus*. Seed exhibit, Adapazari, Kocaeli. July 4.
170704. *SCHINUS MOLLE* L. Anacardiaceae. **California peppertree.**
 No. 1439. *Karabiber*. Tree and Flower Station, Bornova, Izmir. June 5.
- 170705 and 170706. *SECALE CEREALE* L. Poaceae. **Rye.**
 170705. No. 3349. Susurluk, Balikesir. June 30.
 170706. No. 4189-A. Cogurler, Kutahya.
- 170707 to 170769. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**
 170707. No. 1374. Agricultural School, Bornova, Izmir. June 5.
 170708. No. 1496. Seed store, Manisa, Manisa. June 7. Local type.
 170709 to 170711. Tropical Plant Breeding Station, Antalya, Antalya. May 11.
 170709. No. 1522. Black sesame.
 170710. No. 1523. Selection No. 3.
 170711. No. 1532. Local No. 27.

170182 to 170884.—Continued

170707 to 170769.—Continued

170712. No. 1635. Manavgat, Antalya. May 13.
170713. No. 1644. Village of Selimiye, Eskiantalya, Antalya. May 14.
170714. No. 1665. Serik, Antalya. May 14. Originally from Karabuynuz, Antalya.
170715. No. 1671. Serik, Antalya. May 14. Originally from village of Canakci.
170716. No. 1677. Tropical Plant Breeding Station, Antalya. May 11. Elazig type.
170717. No. 1678. Tropical Plant Breeding Station, Antalya. May 11, Seyhan type.
170718. No. 1687. Village of Yukari Karaman, 20 km. northwest of Antalya, Antalya. May 14.
170719 to 170721. Government Farm, Dalaman Ciftligi, Mugla. May 21.
170719. No. 1865. Late type.
170720. No. 1867. White type.
170721. No. 1870. Dryland type.

170722. No. 1903. Village of Kemer, Mugla. May 22.
170723. No. 1904. Village of Kemer, Mugla. May 22. Dryland type.
170724. No. 1918. Koycegiz, Mugla. May 24.
170725. No. 1931. *Kivrak Susam*. Koycegiz, Mugla. May 24.
170726. No. 1941. *Gec Yetisen*. Koycegiz, Mugla. May 24. Branched stalk.
170727. No. 2000. Ephesus, Selcuk, Izmir. May 26.
170728. No. 2018. Seed store, Manisa, Manisa. June 7.
170729. No. 2026. Salihli, Manisa. June 8. Local type.
170730. No. 2033. Salihli, Manisa. June 8. Local type.
170731. No. 2114. Market, Akhisar, Manisa. June 9.
170732. No. 2145. Market, Akhisar, Manisa. June 9.
170733. No. 2226. Kinik, Izmir. June 9.
170734. No. 2306. Seedsman, Bergama, Izmir. June 10.
170735. No. 2307. Seedsman, Bergama, Izmir. June 10.
170736. No. 2503. Village of Meric, Edirne, 10 km. south of Kirklareli, Kirklareli. June 21.
170737. No. 2514. Village of Meric, Edirne, 10 km. south of Kirklareli, Kirklareli. June 21.

170738 to 170741. Seedsman, Kirklareli, Kirklareli. June 21.

170738. No. 2540. Local type.
170739. No. 2541. Originally from Dokuzhoyuk.
170740. No. 2583. Originally from Dokuzhoyuk.
170741. No. 2584. Originally from village of Ignece.
170742. No. 2609. Seed store, Babaeski, Kirklareli.
170743. No. 2665. Havza, Samsun. June 22.
170744. No. 2703. Havza Samsun. June 22.
170745. No. 2847. Gelibolu, Canakkale. June 25. Originally from village of Bazarli.

170182 to 170884.—Continued

170707 to 170769.—Continued

170746. No. 2807. Kesan, Edirne. June 21. Originally from Yenice Ciftligi, Mugla.
170747. No. 2838. Gelibolu, Canakkale. Originally from Bayirkoy.
170748. No. 2859. Gelibolu, Canakkale.
170749. No. 2875. Seed store, Eceabat, Canakkale.
170750. No. 2907. Seed store, Canakkale, Canakkale. June 25.
170751. No. 2977. Ezine, Canakkale.
170752. No. 3005. Ayvacik, Canakkale. June 26. Originally from Bahalar.
170753. No. 3030. Bayramic, Canakkale.
170754. No. 3101. Can, Canakkale. June 27.
170755. No. 3221. Balya, Balikesir. June 29.
170756. No. 3256. Seed store, Balikesir, Balikesir.
170757. No. 3268. Seed store, Bandirma, Balikesir. June 30.
170758. No. 3286. Seed store, Bandirma, Balikesir. June 30. Originally from Manyas.
170759. No. 3310. Seed store, Manyas, Balikesir.
170760. No. 3376. Bandirma, Balikesir.
170761. No. 3435. Mustafa Kemalpassa, Bursa. July 1.
170762. No. 3439. Karacabey, Bursa. July 1.
170763. No. 3497. Seed store, Bursa, Bursa. July 2. Originally from Iznik.
170764. No. 3505. Seed store, Bursa. July 2. Originally from Karacabey, Bursa.
170765. No. 3769. Adapazari, Kocaeli. July 4.
170766. No. 3824. Antakya, Hatay. Originally from town of Erzine, Dortyol.
- 170767 to 170769. Ankara, Ankara. July 9. Originally from Antalya, Antalya.
170767. No. 3830. Group No. 1.
170768. No. 3831. Group No. 2.
170769. No. 3832. Group No. 3.

170770. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**

No. 3833. Ankara, Ankara. July 9. Originally from Mersin, Icel.

170771. *SILENE* sp. Caryophyllaceae.

No. 1967. *Nakil*. Market, Aydin, Aydin. May 18.

170772. *SILENE* sp.

No. 2431. Agricultural School, Cayirova, Kocaeli. June 18.

170773. *SONCHUS ASPER* (L.) Hill. Asteraceae.

No. 2483. Sultan's park, Yildiz Bahcisi, Istanbul. June 19.

170774. *SOPHORA* sp. Fabaceae.

No. 1633. Manavgat, Antalya. May 13.

170775. *SOPHORA* sp.

No. 1912. Village of Zeyve, Kemer, Mugla. May 23.

170776. *SOPHORA* sp.

No. 1916. Village of Zeyve, Kemer. May 23. Two km. south of Zeyve-Mugla.

170182 to 170884.—Continued

170777 to 170807. *SORGHUM VULGARE* Pers. Poaceae.

170777. No. 1392. Agricultural School, Bornova, Izmir. June 5.
 170778. No. 1459. Seed store, Manisa, Manisa. June 7.
 170779. No. 1607. *Supurge*. Elmali, Antalya. May 12. Local type.
 170780. No. 1627. *Akdari*. Serik, Antalya. May 13.
 170781. No. 1636. *Akdari*. Manavgat, Antalya.
 170782. No. 1643. *Akdari*. Village of Selimiye, Antalya. May 14.
 170783. No. 1653. *Akdari*. Village of Selimiye, Antalya. May 14. White.
 170784. No. 1668. *Akdari*. Serik, Antalya. May 14. Originally from village of Karabuynuz, Antalya.
 170785. No. 1704. *Akdari*. Bucak, Burdur. May 15.
 170786. No. 1714. Market, Burdur, Burdur. Sweet type.
 170787. No. 1716. Market, Burdur. Sweet type.
 170788. No. 1726. Market, Burdur.
 170789. No. 1748. Village of Osman Buku, Aydin. May 17. White.
 170790. No. 1845. Market, Mugla, Mugla. May 20. Originally from village of Tepearasi, Mugla. White.
 170791. No. 1868. Government Farm, Dalaman Ciftligi, Mugla. May 21. White.
 170792. No. 1894. Village of Uzumlu, Fethiye, Mugla.
 170793. No. 1923. *Akdari*. Koycegiz, Mugla. May 24. White.
 170794. No. 2110. Market, Akhisar, Manisa. June 9. Broomcorn.
 170795. No. 2224. Kinik, Izmir. June 9.
 170796. No. 2257. Garden of Ali Kucuk Kirca, Bergama, Izmir. June 10. Broomcorn.
 170797. No. 2295. Seedsman, Bergama, Izmir. White. Originally from Soke, Aydin.
 170798. No. 2296. Seedsman, Bergama, Izmir. White. Originally from Soke, Aydin.
 170799. No. 2325. Seed store, Istanbul, Istanbul. June 14.
 170800. No. 2528. Village of Meric, Edirne, 10 km. south of Kirklareli, Kirklareli. June 21.
 170801. No. 2576. Seed store, Kirklareli, Kirklareli. June 21.
 170802. No. 2707. Director of Agriculture, Edirne, Edirne. June 22.
 170803. No. 2980. Ezine, Canakkale. June 26.
 170804. No. 2995. Ayvacik, Canakkale. June 26.
 170805. No. 3083. Can, Canakkale. Sweet type.
 170806. No. 3370. Bandirma, Balikesir. June 30.
 170807. No. 3514. *Supurge*. Seed store, Bursa, Bursa. July 2.

170808. *STIPA TORTILIS* Desf. Poaceae.

No. 1860. Government Farm, Dalaman Ciftligi, Mugla. May 21.

170809 to 170811. *THUJA ORIENTALIS* L. Pinaceae.

Oriental arborvitae.

170809. No. 2396. Faculty of Forestry, Buyukdere, Istanbul. June 15.
 170810. No. 3678. Seed exhibit, Adapazari, Kocaeli. July 4.
 170811. No. 3817. *Cit Mazi*. Antakya, Hatay. July 8.

170812. *TRACHYCARPUS EXCELSUS* (Thunb.) Wendl. Phoenicaceae.

Windmill palm.

No. 3722. Seed exhibit, Adapazari, Kocaeli. July 4.

170182 to 170884.—Continued

- 170813 to 170815. *TRIFOLIUM* spp. Fabaceae. Clover.
170813. *TRIFOLIUM XEROCEPHALUM* Fenzl.
No. 1858. Government Farm, Dalaman Ciftligi, Mugla. May 21.
170814. *TRIFOLIUM* sp.
No. 1899-C. Fethiye, Mugla.
170815. *TRIFOLIUM CAMPESTRE* Schreb.
No. 1880. Fethiye, Mugla. May 21.
170816. *MELILOTUS INDICA* (L.) All. Fabaceae.
No. 1900. Fethiye, Mugla. May 22.
- 170817 to 170832. *TRIFOLIUM* spp. Fabaceae. Clover.
170817. *TRIFOLIUM TOMENTOSUM* L.
No. 1901. Kemer, Mugla. May 23.
- 170818 to 170820. *TRIFOLIUM CAMPESTRE* Schreb.
170818. No. 1911-C. Village of Zeyve, Kemer, Mugla.
170819. No. 2069. Dambayli, Manisa. June 8.
170820. No. 2217. Harta, Kirkagac, Manisa. June 9. Mixture.
170821. *TRIFOLIUM* sp.
No. 2218. Harta, Kirkagac, Manisa. June 9.
170822. *TRIFOLIUM LAPPACEUM* L. Lappa clover.
No. 2279. Bergama, Izmir. June 10.
170823. *TRIFOLIUM* sp.
No. 2500. Fifteen km. north of Babaeski, Kirklareli. June 21.
170824. *TRIFOLIUM LAPPACEUM* L. Lappa clover.
No. 2501. Fifteen km. north of Babaeski, Kirklareli. June 21.
170825. *TRIFOLIUM* sp.
No. 2638-C. Fifteen km. east of Edirne, Edirne. June 22.
- 170826 and 170827. *TRIFOLIUM LAPPACEUM* L. Lappa clover.
170826. No. 2773. Four km. north of Muratli, Tekirdag. June 24.
170827. No. 2869. Five km. south of Gelibolu, Canakkale. June 25.
170828. *TRIFOLIUM CAMPESTRE* Schreb.
No. 2872. Five km. south of Gelibolu, Canakkale. June 25.
170829. *TRIFOLIUM ALEXANDRINUM* L. Berseem.
No. 3081. Can, Canakkale. June 27. Wild type.
170830. *TRIFOLIUM ECHINATUM* Bieb.
No. 3306. Village of Okcugol, Susurluk, Balikesir. June 30.
170831. *TRIFOLIUM CAMPESTRE* Schreb.
No. 3308. Village of Okcugol, Susurluk, Balikesir. June 30.
170832. *TRIFOLIUM LAPPACEUM* L. Lappa clover.
No. 3618. Yalova, Istanbul. July 3. Wild type.
- 170833 and 170834. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
170833. No. 3389. Buy. Mustafa Kemalpaşa, Bursa. July 1.
170834. No. 3496. Seed store, Bursa, Bursa. July 2.
- 170835 and 170836. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
170835. No. 1758-A. Village of Osman Buku, Aydin. May 17.
170836. No. 3349-A. Susurluk, Balikesir. June 30. Originally from Babakoy, Balikesir.

170182 to 170884.—Continued

170837. *TRITICUM SPELTA* L. Spelt.
No. 3513. Seed store, Bursa, Bursa. July 2. Originally from Karacabey.
170838. *TRITICUM AESTIVUM* L. Common wheat.
No. 4198. Yildizeli, Samsun.
170839. *TROPAEOLUM MAJUS* L. Tropaeolaceae. Common nasturtium.
No. 2424. *Latin*. Market, Istanbul, Istanbul. June 17.
170840. *TULIPA* sp. Liliaceae. Tulip.
No. 1973. Market, Aydin, Aydin.
170841. *TULIPA* sp. Tulip.
No. 2429. Agricultural School, Cayirova, Kocaeli. June 18.
170842. *VIBURNUM TINUS* L. Caprifoliaceae. Laurustinus.
No. 1432. Tree and Flower Station, Bornova, Izmir. June 5.
- 170843 to 170874. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
170843. No. 1493. Seed store, Manisa, Manisa. June 7. Local type.
170844. No. 1581. Market, Korkuteli, Antalya. May 12.
170845. No. 1634. Manavgat, Antalya. May 13.
170846. No. 1663. Serik, Antalya. May 14. Originally from village of Karabuynuz, Antalya.
170847. No. 1670. Serik, Antalya. May 14. Originally from village of Ayanos.
170848. No. 1724. Market, Burdur, Burdur. May 15.
170849. No. 1749. Village of Osman Buku, Aydin. May 17. Old seed.
170850. No. 1754. Village of Osman Buku, Aydin. May 17.
170851. No. 1817. Director of Agriculture, Mugla, Mugla. May 20.
170852. No. 1830. Market, Mugla, Mugla. Originally from Isparta, Mugla.
170853. No. 1919. Koycegiz, Mugla. May 24. Originally from Burdur, Burdur.
170854. No. 1934. Koycegiz, Mugla.
170855. No. 1997. Ephesus, Selcuk, Izmir. May 26.
170856. No. 2139. Market, Akhisar, Manisa. June 9. Originally from Sinav, Kutahya.
170857. No. 2155. Akhisar, Manisa. Originally from Kapakli.
170858. No. 2310. Seedsman, Bergama, Izmir. June 10.
170859. No. 2440. Agricultural School, Cayirova, Kocaeli. June 18.
170860. No. 2817. Kesan, Edirne. June 24. Originally from village of Haskoy, Edirne.
- 170861 to 170868. From Canakkale Province.
170861. No. 2891. Seed store, Canakkale. June 25.
170862. No. 2893. Seed store, Canakkale. Originally from Imros.
170863. No. 2906. Seed store, Canakkale. Originally from Bayramic.
170864. No. 2957. Ezine. June 26.
170865. No. 2958. Ezine. June 26.
170866. No. 3016. Ayvacik. June 26.
170867. No. 3033. *Karagoz*. Bayramic. Originally from village of Derekolu.
170868. No. 3082. Can. June 27.

170182 to 170884.—Continued**170843 to 170874.—Continued**

170869. No. 3151. Seed store, Edremit, Balikesir. June 28.

170870. No. 3322. Village of Kulak, Balikesir. June 30.

170871. No. 3374. Bandirma, Balikesir. June 30.

170872. No. 3486. Seed store, Bursa, Bursa. July 2.

170873. No. 3487. Seed store, Bursa, Bursa. July 2.

170874. No. 3823-B. Antakya, Hatay. July 8. Originally grown in Erzine, Dortyol.

170875. VIOLA TRICOLOR L. Violaceae.**Common pansy.**

No. 2418. Seed vendor, Istanbul, Istanbul.

170876. WASHINGTONIA FILAMENTOSA (Wendl.) Kuntze. Phoenicaceae.**California Washington palm.**

No. 1440. Tree and Flower Nursery, Bornova, Izmir. June 5.

170877 to 170883. ZEA MAYS L. Poaceae.**Corn.**

170877. No. 1471. Seed store, Manisa, Manisa. June 7.

170878. No. 2144. Market, Akhisar, Manisa. June 9. Local type.

170879. No. 2186. Market, Soma, Manisa. June 9.

170880. No. 2339. Seed store, Istanbul, Istanbul. June 14. Popcorn.

170881. No. 2442. Agricultural School, Cayirova, Kocaeli. June 18.

170882. No. 2506. Village of Meric, Edirne, 10 km. south of Kirklareli, Kirklareli. June 21.

170883. No. 2589. Seedsman, Kirklareli. June 21.

170884. ZINNIA sp. Asteraceae.

No. 3726. Seed exhibit, Adapazari, Kocaeli. July 4. Mixed types.

170885. ORYZA SATIVA L. Poaceae.**Rice.**

From Iran. Seeds presented by Robert L. Gulick, University of California, and A. H. Williams, Biggs Rice Field Station, Berkeley, Calif. Received Nov. 3, 1948.

*Tehran.***170886 to 170929.**

From the Union of South Africa. Seeds presented by Dr. F. X. Laubscher, College of Agriculture and Research Station, Potchefstroom, Transvaal. Received Nov. 3, 1948.

170886 to 170899 GLYCINE MAX (L.) Merrill. Fabaceae.**Soybean.**

170886. 1/34S51.

170893. 8/42S6.

170887. 2/34S395.

170894. 9/44S36.

170888. 3/35S277.

170895. 10/45S2.

170889. 4/38S5.

170896. 11/45S95.

170890. 5/40S35.

170897. 12/45S96.

170891. 6/41S31.

170898. 13/45S101.

170892. 7/41S77.

170899. 14/35S184.

170900 to 170929. TRITICUM. Poaceae.**Wheat.**Lines of *Triticum* × *Agropyron* spp.

170900. Var. 1. 17-1-M.

170903. Var. 4. 122-M-M.

170901. Var. 2. 78-M.

170904. Var. 5. 149-1-M.

170902. Var. 3. 118-M.

170905. Var. 6. 149-2-M.

170886 to 170929.—Continued**170900 to 170929.—Continued**

170906. Var. 7. 153-M.	170918. Var. 19. 436-3-M-M.
170907. Var. 8. 153-M-M-3.	170919. Var. 20. 436-M-M.
170908. Var. 9. 153-M-M-5.	170920. Var. 21. 443-1-1-2.
170909. Var. 10. 159-M-M.	170921. Var. 22. 444-1-M-M.
170910. Var. 11. 163-2-1-1.	170922. Var. 23. 445-1-1-4.
170911. Var. 12. 166-2-M-M.	170923. Var. 24. 466-1-M-M.
170912. Var. 13. 181-1-M-4.	170924. Var. 25. C17-1-1-1.
170913. Var. 14. 187-M.	170925. Var. 26. 39W73-1.
170914. Var. 15. 188-2-M-M.	170926. Var. 27. 39W61-1.
170915. Var. 16. 436-1-1-M-1.	170927. Var. 28. Kenya-B256G.
170916. Var. 17. 436-1-2-1.	170928. Var. 29. Australian 26A14.
170917. Var. 18. 436-1-2-M-1.	170929. Var. 30. Scheepers.

170930 and 170931. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Turkey. Scions collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 3, 1948.

170930. (No data.)

170931. *Urgup*. (*Golden Delicious*.)

170932. ASPLENIUM BULBIFERUM Forst. Polypodiaceae.

From California. Plants presented by Irving H. Snyder, Los Gatos. Received Nov. 5, 1948.

170933 to 171064.

From Turkey. Seeds collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 8, 1948.

Presented by the Office of Soil Conservation and Research, Ankara, Ankara. July 11, 1948.

170933 to 170937. AVENA SATIVA L. Poaceae. Common oats.

170933. No. 3846. Eregli, Konya.

170934. No. 3906. Beylikahir, Ayfon.

170935. No. 4067. Edirne, Edirne.

170936. No. 4110. Ihsaniye, Ayfon.

170937. No. 4280. Mahmudiye, Ayfon.

170938 to 170978. HORDEUM spp. Poaceae. Barley.**170938 and 170939. HORDEUM DISTICHON L.**

170938. No. 3835. Arikoren, Konya.

170939. No. 3836. Civril, Denizli.

170940. HORDEUM VULGARE L.

No. 3837. Ceyhan, Seyhan.

170941 to 170971. HORDEUM DISTICHON L.

170941. No. 3838. Ayrançi, Konya.

170942. No. 3839. Cardak, Izmir.

170943. No. 3841. Sivrihisar, Afyon.

170944. No. 3843. Sarkisla, Sivas.

170933 to 171064.—Continued

170938 to 170978.—Continued

170941 to 170971.—Continued

- 170945. No. 3852. Beylikahir, Afyon.
- 170946. No. 3855. Mursitpinar, Diyarbakir.
- 170947. No. 3858. Sivrihisar, Afyon.
- 170948. No. 3867. Ulukisla, Nigde.
- 170949. No. 3881. Cihanbeyli, Konya.
- 170950. No. 3907. Alpukoy, Afyon.
- 170951. No. 3910. Bozuyuk, Bilecik.
- 170952. No. 3916. Kozan, Seyhan.
- 170953. No. 3917. Civril, Denizli.
- 170954. No. 3930. Tuney, Ankara.
- 170955. No. 3933. Erzurum, Erzurum.
- 170956. No. 4056. Bayburt, Erzurum.
- 170957. No. 4057. Daskiri, Afyon.
- 170958. No. 4058. Dinar, Afyon.
- 170959. No. 4059. Erzurum, Erzurum.
- 170960. No. 4068. Sandikli, Afyon.
- 170961. No. 4069. Emirdag, Afyon.
- 170962. No. 4074. Bolvadin, Afyon.
- 170963. No. 4078. Alcaca, Corum.
- 170964. No. 4111. Arikoren, Konya.
- 170965. No. 4114. Sarkikaraagac, Isparta.
- 170966. No. 4116. Golbasi, Ankara.
- 170967. No. 4117. Sarimsakli, Ankara.
- 170968. No. 4119. Pinarbasi, Konya.
- 170969. No. 4122. Cubuk, Ankara.
- 170970. No. 4125. Pasinler, Erzurum.
- 170971. No. 4259. Bogazliyan, Yozgat.

170972. HORDEUM VULGARE L.

No. 4264. Edirne, Edirne.

170973 to 170978. HORDEUM DISTICHON L.

- 170973. No. 4268. Luleburgaz, Kirklareli.
- 170974. No. 4269. Amasya, Amasya.
- 170975. No. 4271. Inay, Izmir.
- 170976. No. 4272. Sarioglan, Ankara.
- 170977. No. 4274. Kadinhani, Konya.
- 170978. No. 4279. Suhut, Afyon.

170979 to 170990. SECALE CEREALE L. Poaceae.

Rye.

- 170979. No. 3840. Sarkisla, Sivas.
- 170980. No. 3909. Afyon, Afyon.
- 170981. No. 3915. Karapinar, Konya.
- 170982. No. 3919. S. Kochisar, Ankara.

170933 to 171064.—Continued

170979 to 170990.—Continued

170983. No. 3922. Mucur, Kirsehir.
170984. No. 3931. Armagan, Samsun.
170985. No. 4060. Fakili, Ankara.
170986. No. 4062. Ilgin, Konya.
170987. No. 4123. Sefaatli, Ankara.
170988. No. 4124. Erzurum Province.
170989. No. 4260. Develi, Kayseri.
170990. No. 4261. Luleburgaz, Kırklareli.

170991 to 171064. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

170991. No. 3834. Ceyhan, Seyhan.
170992. No. 3844. Sorgun, Yozgat.
170993. No. 3845. Afyon Province.
170994. No. 3848. Cubuk, Ankara.
170995. No. 3850. Sincankoy, Ankara.
170996. No. 6615. Safranbolu, Zonguldak.
170997. No. 3853. Sarkikaraagac, Isparta.
170998. No. 3854. Sekili, Ankara.
170999. No. 3856. Sincankoy, Ankara.
171000. No. 3862. Kars, Kars.
171001. No. 3908. Mursitpinar, Diyarbakir.
171002. No. 3911. Mucur, Kirsehir.
171003. No. 3912. Incesu, Kayseri.
171004. No. 3913. Bala, Ankara.
171005. No. 3914. Mucur, Kirsehir.
171006. No. 3918. Haymana, Ankara.
171007. No. 3920. Karapinar, Konya.
171008. No. 3921. Cihanbeyli, Konya.
171009. No. 3923. S. Kochisar, Ankara.
171010. No. 3924. Armagan, Samsun.
171011. No. 3925. Kirikkale, Ankara.
171012. No. 3926. Tuney, Ankara.
171013. No. 3927. Cihanbeyli, Konya.
171014. No. 3928. Kirikkale, Ankara.
171015. No. 3929. Haymana, Ankara.
171016. No. 3932. Argithan, Konya.
171017. No. 3934. Bayburt, Erzurum.
171018. No. 3935. Keskin, Ankara.
171019. No. 4061. Pinarbasi, Kayseri.
171020. No. 4063. Polatli, Ankara.
171021. No. 4064. Kadinhani, Konya.
171022. No. 4065. Konya, Konya.
171023. No. 4066. Kemali, Erzurum.

170933 to 171064.—Continued

170991 to 171064.—Continued

171024. No. 4070. Ihsaniye, Afyon.
171025. No. 4071. Ihsaniye, Afyon.
171026. No. 4072. Ihsaniye, Afyon.
171027. No. 4073. Yerkey, Ankara.
171028. No. 4075. Diyarbakir, Diyarbakir.
171029. No. 4076. Yildizeli, Sivas.
171030. No. 4077. Adapazari, Kocaeli.
171031. No. 4079. Sandikli, Afyon.
171032. No. 4080. Himmetdede, Ankara.
171033. No. 4109. Degirmenozu, Ankara.
171034. No. 4112. Afyon, Afyon.
171035. No. 4113. Karaman, Konya.
171036. No. 4115. Eregli, Konya.
171037. No. 4118. Karapinar, Konya.
171038. No. 4120. Bedirli, Samsun.
171039. No. 4121. Karaman, Konya.
171040. No. 4126. Corum, Corum.
171041. No. 4127. S. Kochisar, Ankara.
171042. No. 4128. Cihanbeyli, Konya.
171043. No. 4129. Sarikisla, Sivas.
171044. No. 4130. Akcakale, Diyarbakir.
171045. No. 4131. Aksehir, Konya.
171046. No. 4132. Cihanbeyli, Konya.
171047. No. 4133. Karaman, Konya.
171048. No. 4134. Aksehir, Konya.
171049. No. 4135. Bismil, Diyarbakir.
171050. No. 4258. Singurlu, Corum.
171051. No. 4262. Osmaniye, Seyhan.
171052. No. 4263. Sarayonu, Konya.
171053. No. 4265. Konya, Konya.
171054. No. 4266. Cumra, Konya.
171055. No. 4267. Argithan, Konya.
171056. No. 4270. Suhut, Afyon.
171057. No. 4273. Cay, Afyon.
171058. No. 4275. Diyarbakir, Diyarbakir.
171059. No. 4276. Tercan, Erzincan.
171060. No. 4277. Nigde, Nigde.
171061. No. 4278. Yarma, Konya.
171062. No. 4281. Ceyhan, Seyhan.
171063. No. 4282. Adapazari, Kocaeli.
171064. No. 4283. Meydan, Konya.

171065 and 171066.

From French West Africa. Seeds presented by the Institut Francais d'Afrique Noire, Dakar. Received Oct. 29, 1948.

171065. *STIZOLOBIUM ATERRIMUM* Piper & Tracy. Fabaceae. Velvetbean.

171066. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

171067 to 171108. VITIS VINIFERA L. Vitaceae. European grape.

From Afghanistan. Cuttings collected by H. P. Olmo, Agricultural Experiment Station, Davis, Calif. Received Nov. 9, 1948.

171067. No. 567. <i>Lal</i> .	171088. No. 605. <i>Husseive</i> .
171068. No. 568. <i>Takhri</i> .	171089. No. 605. <i>Kishmishi</i> .
171069. No. 569. <i>Kishmishi</i> .	171090. No. 606. <i>Khiri Ghulaman</i> .
171070. No. 570. <i>Husseine</i> .	171091. No. 607. <i>Aitah Ghulaman</i> .
171071. No. 571. <i>Askari</i> .	171092. No. 609. <i>Shando Khari</i> .
171072. No. 572. <i>Lal Sorkh</i> .	171093. No. 610. <i>Khalchili</i> .
171073. No. 574. <i>Kishmishi Sorkh</i> .	171094. No. 618. <i>Shindu Khari</i> .
171074. No. 577. <i>Fahri Kalamak</i> .	171095. No. 619. <i>Askari Khari</i> .
171075. No. 578. <i>Fahri</i> .	171096. No. 623. <i>Kishmishi</i> .
171076. No. 579. <i>Sahibi</i> .	171097. No. 624. <i>Ab Jusht</i> .
171077. No. 580. <i>Sahibi Sorkh</i> .	171098. No. 625. <i>Kandahari</i> .
171078. No. 585. <i>Aitah</i> .	171099. No. 626. <i>Husseine</i> .
171079. No. 588. <i>Husseive</i> .	171100. No. 627. <i>Khaldar</i> .
171080. No. 589. <i>Tand</i> .	171101. No. 628. <i>Ghula Dari</i> .
171081. No. 590. <i>Khalchili</i> .	171102. No. 636. <i>Husseine</i> .
171082. No. 591. <i>Kishmishi Spien</i> .	171103. No. 637. <i>Khalili</i> .
171083. No. 592. <i>Kishmishi Sorkh</i> .	171104. No. 638. <i>Monakka</i> .
171084. No. 593. <i>Lal</i> .	171105. No. 639. <i>Ghula Dani</i> .
171085. No. 594. <i>Siar</i> .	171106. No. 640. <i>Husseine</i> .
171086. No. 595. <i>Sahebi</i> .	171107. No. 641. <i>Husseine</i> .
171087. No. 598. <i>Kalamak</i> .	171108. No. 642. <i>Lal</i> .

171109 to 171112.

From Italy. Seeds collected by W. T. White, Seaboard Airline Railroad Co., Savannah, Ga. Received Nov. 3, 1948.

171109. *AMPELODESMOS MAURITANICA* (Poir.) Dur. & Schinz. Poaceae.
East of Tivoli.

171110. *FESTUCA* sp. Poaceae.
Gioia Vecchio.

171111. *SCORPIURUS SULCATA* L. Fabaceae.
Twenty km. northeast of Rome.

171112. *SPARTIUM JUNCEUM* L. Fabaceae. Weavers-broom.
Cassino.

171113 and 171114. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Peru. Seeds collected by Luis R. Vega Bancalari, Ministerio de Agricultura, Lima. Received Nov. 10, 1948.

171113. *O. S. B.*

171114. *B. S. B.*

171115 to 171166.

From Afghanistan. Scions collected by H. P. Olmo, Agricultural Experiment Station, Davis, Calif. Received Nov. 10, 1948.

171115. *PRUNUS PERSICA* (L.) Batsch. Rosaceae. Peach.
No. 634. *Sard Bark*. Charikar.

171116 to 171118. *CYDONIA* spp. Rosaceae. Quince.

171116. *CYDONIA* sp.

No. 558. Herat.

171117. *CYDONIA* sp.

No. 586. Girishk.

171118. *CYDONIA* sp.

No. 629. Charikar.

171119 to 171124. *FICUS* spp. Moraceae. Fig.

171119. *FICUS* sp.

No. 561. Herat.

171122. *FICUS* sp.

No. 601. Nazad.

171120. *FICUS* sp.

No. 581. Girishk. Red.

171123. *FICUS* sp.

No. 602. Nazad.

171121. *FICUS* sp.

No. 582. Girishk. White.

171124. *FICUS* sp.

No. 603. Nazad.

171125. *JUGLANS* sp. Juglandaceae.

No. 554. Herat.

171126 to 171129. *MALUS SYLVESTRIS* Mill. Rosaceae. Apple.

171126. No. 556. Herat.

171128. No. 597. Nazad.

171127. No. 564. Herat.

171129. No. 630. Charikar.

171130. *MORUS* sp. Moraceae.

No. 575. *Shah*.

Mulberry.

171131. *MORUS* sp.

No. 631. *Shah*.

171132. *MORUS* sp.

No. 632. *Shir*.

171133. *POPULUS* sp. Salicaceae. Poplar.

No. 635. *Needah Chinar*.

171134 to 171145. *PRUNUS* spp. Rosaceae.

171134 to 171138. *PRUNUS ARMENIACA* L. Apricot.

171134. No. 566. Herat.

171137. No. 621. Charikar.

171135. No. 599. Nazad.

171138. No. 622. Charikar.

171136. No. 620. Charikar.

171139. *PRUNUS* sp.

No. 633. *Plumcot Tamsork*. Charikar.

171140. *PRUNUS* sp.

No. 552. Herat.

171141. *PRUNUS* sp.

No. 555. Herat.

171142. *PRUNUS* sp.

No. 565. Herat.

171115 to 171166.—Continued

171134 to 171145.—Continued

171143. *PRUNUS* sp.No. 583. *Alu Bokhara*. Girishk.171144. *PRUNUS* sp.No. 584. *Alu Bokhara*. Girishk.171145. *PRUNUS* sp.

No. 557. Cherry. Herat.

171146 to 171158. *PUNICA GRANATUM* L. Punicaceae.

Pomegranate.

171146. No. 559. *Fakhri*. Herat.

171153. No. 612. Kandahar.

171147. No. 560. *Rus Sabz*. Herat.

171154. No. 613. Kandahar.

171148. No. 573. *Shirim*. Herat.

171155. No. 614. Kandahar.

171149. No. 576. Girishk.

171156. No. 615. Kandahar.

171150. No. 596. Nazad.

171157. No. 616. Kandahar.

171151. No. 608. Kandahar.

171158. No. 617. Kandahar.

171152. No. 611. Kandahar.

171159 to 171163. *PYRUS COMMUNIS* L. Rosaceae.

Common pear.

171159. No. 553. *Amrud*. Herat.171162. No. 587. *Nok*. Girishk.171160. No. 562. *Nok*. Herat.171163. No. 600. *Nok*. Nazad.171161. No. 563. *Goolabie*. Herat. 171164. *ROSA* sp. Rosaceae.

No. 643. Herat.

171165. *Rosa* sp.

No. 644. Herat.

171166. *Rosa* sp.

No. 645. Herat.

171167 to 171169.

From China. Seeds presented by Rev. G. Coonredt, American Presbyterian Mission, Kaiyüan, Yunnan. Received Oct. 18, 1948.

171167. *BOMBAX* sp. Bombacaceae.171168. *DELONIX REGIA* (Boj.) Raf. Fabaceae.

Royal poinciana.

171169. *GOSYPIUM*. Malvaceae.

Cotton.

171170. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From India. Seeds presented by an unknown donor. Received Nov. 3, 1948.

171171 to 171176. *LUPINUS* spp. Fabaceae.

Lupine.

From Spain. Seeds presented by the Ministry of Agriculture, Madrid. Received Nov. 5, 1948.

171171 to 171173. *LUPINUS ALBUS* L.

White lupine.

171171. *Foraster*.171172. *Delpais*.

171173. From Badajoz.

171174 and 171175. *LUPINUS LUTEUS* L.

European yellow lupine.

171174. From Giuso de Limia.

171175. From Giuso de Limia. Received as *Lupinus angustifolium*.171176. *LUPINUS* sp.*Rosa*.

171177 to 171379. VITIS VINIFERA L. Vitaceae. European grape.

From Greece. Cuttings collected by H. P. Olmo, Agricultural Experiment Station, Davis, Calif. Received Nov. 16, 1948.

171177. No. 650. <i>Itonychi Mavro.</i>	171220. No. 693. <i>Gustolidi.</i>
171178. No. 651. <i>Itonychi Lefko.</i>	171221. No. 694. <i>Daphnata.</i>
171179. No. 652. <i>Agoumastos.</i>	171222. No. 695. <i>Daphne.</i>
171180. No. 653. <i>Athiri.</i>	171223. No. 696. <i>Dermatas.</i>
171181. No. 654. <i>Ithani Mavro.</i>	171224. No. 697. <i>Divromos.</i>
171182. No. 655. <i>Ithani Lefko.</i>	171225. No. 698.
171183. No. 656.	171226. No. 699. <i>Dumbrehnah Mavri.</i>
171184. No. 657.	171227. No. 700. <i>Drovino.</i>
171185. No. 658.	171228. No. 701. <i>Eftakilo.</i>
171186. No. 659. <i>Anatolitico.</i>	171229. No. 702. <i>Zakinthino.</i>
171187. No. 660. <i>Araclinos.</i>	171230. No. 703. <i>Zalovitico.</i>
171188. No. 661. <i>Aricaras.</i>	171231. No. 704. <i>Zabella.</i>
171189. No. 662. <i>Arcathinoh.</i>	171232. No. 705. <i>Thiakon.</i>
171190. No. 663. <i>Armeletusa.</i>	171233. No. 706.
171191. No. 664. <i>Arhaniotico Kokino.</i>	171234. No. 707. <i>Thrapsathiri.</i>
171192. No. 665. <i>Askathari.</i>	171235. No. 708.
171193. No. 666.	171236. No. 709. <i>Karvouniariz.</i>
171194. No. 667. <i>Assirtico.</i>	171237. No. 710.
171195. No. 668. <i>Atzala.</i>	171238. No. 711. <i>Karrithato.</i>
171196. No. 669.	171239. No. 712. <i>Katsakulias.</i>
171197. No. 670. <i>Augustiatico.</i>	171240. No. 713. <i>Katsano.</i>
171198. No. 671.	171241. No. 714. <i>Kerino.</i>
171199. No. 672. <i>Asprocoritho.</i>	171242. No. 715. <i>Kozanitis.</i>
171200. No. 673. <i>Asprorombola.</i>	171243. No. 716. <i>Kokinorobola.</i>
171201. No. 674. <i>Avgulato.</i>	171244. No. 717.
171202. No. 675. <i>Vitheano.</i>	171245. No. 718. <i>Karistino.</i>
171203. No. 676. <i>Vaftra.</i>	171246. No. 719. <i>Kokinyah.</i>
171204. No. 677. <i>Velana.</i>	171247. No. 721.
171205. No. 678. <i>Velaites.</i>	171248. No. 722. <i>Kokinostaphylo.</i>
171206. No. 679. <i>Vertzami.</i>	171249. No. 723. <i>Kolokithian.</i>
171207. No. 680. <i>Violento.</i>	171250. No. 724. <i>Kominato.</i>
171208. No. 681. <i>Volitza Mavri.</i>	171251. No. 725. <i>Kontehgalo.</i>
171209. No. 682. <i>Volitza Lefki.</i>	171252. No. 726. <i>Kontoclad.</i>
171210. No. 683.	171253. No. 727. <i>Kontovostitza.</i>
171211. No. 684. <i>Voltzicki.</i>	171254. No. 728. <i>Sidezites.</i>
171212. No. 685. <i>Vustoletih.</i>	171255. No. 729. <i>Sidezites Proimo.</i>
171213. No. 686. <i>Vuthomato.</i>	171256. No. 730. <i>Sidezites Mavro.</i>
171214. No. 687. <i>Vrathiano.</i>	171257. No. 731. <i>Korghianitis.</i>
171215. No. 688. <i>Guydouria.</i>	171258. No. 732.
171216. No. 689. <i>Guydouriha.</i>	171259. No. 733. <i>Korfiatis.</i>
171217. No. 690. <i>Yourutico.</i>	171260. No. 734.
171218. No. 691. <i>Gemeroh.</i>	171261. No. 735. <i>Kotzifali.</i>
171219. No. 692. <i>Ghlicopati.</i>	171262. No. 736.

171177 to 171379.—Continued

171263.	No. 738.	<i>Kundura Lefki.</i>	171306.	No. 781.	<i>Petrachladi.</i>
171264.	No. 739.	<i>Kurutaktas.</i>	171307.	No. 782.	<i>Petrolianos.</i>
171265.	No. 740.	<i>Kritico.</i>	171308.	No. 784.	<i>Platani.</i>
171266.	No. 741.	<i>Kristalli.</i>	171309.	No. 785.	<i>Platirahah.</i>
171267.	No. 742.	<i>Kepraico.</i>	171310.	No. 786.	
171268.	No. 743.	<i>Karabryimis.</i>	171311.	No. 787.	
171269.	No. 744.	<i>Lagorthi.</i>	171312.	No. 788.	<i>Pardala.</i>
171270.	No. 745.	<i>Ladikinah.</i>	171313.	No. 789.	<i>Parnicko.</i>
171271.	No. 746.	<i>Lyanoroy.</i>	171314.	No. 790.	<i>Potamisi.</i>
171272.	No. 747.	<i>Liatico.</i>	171315.	No. 791.	<i>Ritino Mavro.</i>
171273.	No. 748.	<i>Malagusiah.</i>	171316.	No. 792.	<i>Ritino Lefko.</i>
171274.	No. 749.	<i>Malukato.</i>	171317.	No. 793.	<i>Rodiaires.</i>
171275.	No. 750.	<i>Mandilariah.</i>	171318.	No. 794.	<i>Rodites.</i>
171276.	No. 751.	<i>Marditza.</i>	171319.	No. 795.	<i>Rhazaki Anatolico.</i>
171277.	No. 752.	<i>Markandi.</i>	171320.	No. 796.	<i>Rhazaki Mavro.</i>
171278.	No. 753.	<i>Mavrodaphne.</i>	171321.	No. 797.	
171279.	No. 754.	<i>Mavrokorakas.</i>	171322.	No. 798.	<i>Rhazaki Arhanon.</i>
171280.	No. 755.	<i>Mavroliatis.</i>	171323.	No. 799.	<i>Robola.</i>
171281.	No. 756.	<i>Mavrovomaico.</i>	171324.	No. 800.	<i>Roussas.</i>
171282.	No. 757.		171325.	No. 806.	
171283.	No. 758.	<i>Moscato.</i>	171326.	No. 901.	<i>Roussico.</i>
171284.	No. 759.	<i>Moscato Asia</i> <i>Minor.</i>	171327.	No. 902.	<i>Roussaitis.</i>
171285.	No. 760.	<i>Moscato Mavro.</i>	171328.	No. 903.	<i>Satino.</i>
171286.	No. 761.	<i>Moshardina.</i>	171329.	No. 904.	<i>Serphiotico.</i>
171287.	No. 762.	<i>Moshuthi.</i>	171330.	No. 905.	<i>Skiathopoulo.</i>
171288.	No. 763.		171331.	No. 906.	
171289.	No. 764.	<i>Moshopatata.</i>	171332.	No. 907.	
171290.	No. 765.	<i>Muska.</i>	171333.	No. 909.	<i>Staphis.</i>
171291.	No. 766.	<i>Babahasan.</i>	171334.	No. 910.	<i>Staphythostaphylo.</i>
171292.	No. 767.	<i>Bakari Mavro.</i>	171335.	No. 911.	<i>Staphythamelo.</i>
171293.	No. 768.		171336.	No. 912.	<i>Stavrohioticoh.</i>
171294.	No. 769.	<i>Behlariah.</i>	171337.	No. 913.	<i>Stophiliatico.</i>
171295.	No. 770.		171338.	No. 914.	<i>Turkopulah.</i>
171296.	No. 771.	<i>Migdali.</i>	171339.	No. 915.	<i>Tsambato.</i>
171297.	No. 772.	<i>Niaropes.</i>	171340.	No. 916.	<i>Chaouchi Politico.</i>
171298.	No. 773.	<i>Dehbina.</i>	171341.	No. 917.	<i>Tsoupi.</i>
171299.	No. 774.	<i>Xerihhi Mavro.</i>	171342.	No. 918.	<i>Tsoumbrena Lefki.</i>
171300.	No. 775.		171343.	No. 919.	<i>Tsoumbrena</i> <i>Mavri.</i>
171301.	No. 776.	<i>Xylomaherudah.</i>	171344.	No. 920.	<i>Trifera.</i>
171302.	No. 777.		171345.	No. 921.	<i>Fidiah.</i>
171303.	No. 778.	<i>Parianoh.</i>	171346.	No. 922.	<i>Fileri.</i>
171304.	No. 779.		171347.	No. 923.	<i>Fokianoh.</i>
171305.	No. 780.	<i>Patrino.</i>	171348.	No. 924.	<i>Fraula Kih.</i>

171177 to 171379.—Continued

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| 171349. No. 925. <i>Hakiki.</i> | 171366. No. 942. <i>Mavroudi School of Patras.</i> |
| 171350. No. 926. <i>Hakiki.</i> | 171367. No. 943. |
| 171351. No. 927. | 171368. No. 944. |
| 171352. No. 928. | 171369. No. 945. <i>Aspruda Ariloghi.</i> |
| 171353. No. 929. <i>Hondrostaphida.</i> | 171370. No. 946. <i>Aspruda Zakintho.</i> |
| 171354. No. 930. <i>Chrisostaphylo.</i> | 171371. No. 947. <i>Aspruda Santorinih.</i> |
| 171355. No. 931. <i>Psara.</i> | 171372. No. 948. <i>Aspruda School of Patras.</i> |
| 171356. No. 932. <i>Psarotherico.</i> | 171373. No. 949. <i>Aspruda Murehli.</i> |
| 171357. No. 933. <i>Psevosirico.</i> | 171374. No. 950. |
| 171358. No. 934. | 171375. No. 951. <i>Aspruda Mikymon.</i> |
| 171359. No. 935. <i>Mavrostifo.</i> | 171376. No. 952. <i>Aspruda Halkidos.</i> |
| 171360. No. 936. | 171377. No. 953. <i>Petinos.</i> |
| 171361. No. 937. <i>Mavrotragonoh.</i> | 171378. No. 737. |
| 171362. No. 938. <i>Mavro Spetzon.</i> | 171379. No. 783. |
| 171363. No. 939. <i>Hondromavroudo.</i> | |
| 171364. No. 940. <i>Mavroudi.</i> | |
| 171365. No. 941. | |

171380. *CARICA PAPAYA* L. Papayaceae. Papaya.

From Transvaal. Seeds presented by the Subtropical Horticultural Research Station, Nelspruit. Received Nov. 18, 1948.

171381 and 171382. *RHODODENDRON* spp. Ericaceae.

From China. Seeds presented by Dr. Andrew Tse, Clover Commercial Co., Hong Kong. Received Nov. 18, 1948.

171381. *RHODODENDRON MOLLE* (Blume) Don.

Kwangsi Province.

171382. *RHODODENDRON SIMSII* Planch. Azalea.

Kwangsi Province.

171383 to 171387.

From Turkey. Scions presented by C. R. Enlow, American Embassy, Ankara. Received Nov. 19, 1948.

171383 and 171384. *MALUS SYLVESTRIS* Mill. Rosaceae. Apple.

171383. *Aksaki.*

171384. *Karasaki.*

171385. *PRUNUS* sp. Rosaceae.

Derinkok.

171386 and 171387. *PYRUS COMMUNIS* L. Rosaceae. Common pear.

171386. *Cermayi.*

171387. *Hacihamza.*

171388. *PRUNUS AVIUM* L. Rosaceae. Sweet cherry.

From the Netherlands. Seeds presented by the Institute for Horticultural Plant Breeding, Wageningen. Received Nov. 17, 1948.

171389. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae. Lupine.

From New Zealand. Seeds presented by the Department of Scientific and Industrial Research, Lincoln. Received Nov. 14, 1948.

171390 to 171396.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Department of Agriculture, Pretoria, Transvaal. Received Nov. 4, 1948.

171390. *ANTHOSCHMIDTIA KALAHARIENSIS* (Stent) Bremek & Oberm. Poaceae.
Kenhardt District.

171391. *ARCTOTIS STOECHADIFOLIA* Bergius. Asteraceae.
Kenhardt District.

171392. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**
Tsamma.

171393. *EHRHARTA CALYCINA* J. E. Smith. Poaceae. **Perennial veldtgrass.**

171394 and 171395. *SORGHUM VULGARE* Pers. Poaceae.

171394. No. 37R9. *Kaffircorn.*

171395. *Kaffircorn.*

171396. *TETRACHNE DREGEI* Nees. Poaceae.
Stormberg, Cape Province.

171397 to 171403.

From Italy. Seeds presented by A. T. Semple, FAOUN, Rome. Received Nov. 14, 1948.

171397. *ANDROPOGON ISCHAEMUM* L. Poaceae. **Feather grass.**
Near Costello di Brolio, Chianti.

171398. *BROMUS* sp. Poaceae.

171399. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

171400. *DACTYLIS GLOMERATA* L.

171401. *FESTUCA* sp. Poaceae.

171402. *PHLEUM* sp. Poaceae. **Timothy.**

171403. *PLANTAGO* sp. Plantaginaceae. **Plantain.**

171404 and 171405. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**

From the Fiji Islands. Roots presented by the Department of Agriculture, Suva. Received Nov. 24, 1948.

171404. *Black Rock.*

171405. *Three Months.*

171406 to 171411. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

From Egypt. Seeds presented by an unknown donor. Received Nov. 29, 1948.

171406. *Baladi Bouhi.* 171409. *Hindi D.*

171407. *Baladi 116.* 171410. *Hindi 62.*

171408. *Baladi Dakar.* 171411. *Kazouria Tahani.*

171412 and 171413. *VITIS VINIFERA* L. Vitaceae. **European grape.**

From Costa Rica. Cuttings presented by J. L. Fennell, Inter-American Institute of Agricultural Science, Turrialba. Received Nov. 30, 1948.

171412. No. 871. *Everglades.*

171413. No. 322. *Largo.*

171414. PHORMIUM TENAX Forst. Liliaceae. New Zealand flax.

From New Zealand. Seeds presented by A. L. Poole, Department of Scientific and Industrial Research, Wellington. Received Nov. 10, 1948.

SS.

171415. PRUNUS CERASUS L. Rosaceae. Sour cherry.

From Maryland. Tree growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Dec. 29, 1948.

Bell No. 40501. Late flowering.

171416 to 171455.

From the Orient. Seeds collected by A. K. Smith, Northern Regional Research Laboratory, Peoria, Ill. Received Nov. 30, 1948.

171416 to 171434. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

171416 to 171426. From Liaoning Province, Korea.

171416 to 171418. Agricultural Vocational School.

171416. No. 102. *Man Ti Chin*. Green.

171417. No. 108. *Huang Pao Chu*. Yellow.

171418. No. 120. *Man Ts'ang Chin*. Yellow.

171419 to 171424. Mukden Tien Hsing Nursery.

171419. No. 1. *Tzu*. Yellow.

171420. No. 2. *Tzu*. Yellow.

171421. No. 3. *Tzu*. Yellow.

171422. No. 1. *Hsiao Chin Huang*. Yellow.

171423. No. 2. *Hsiao Chin Huang*. Yellow.

171424. *Yuan Pao Chin*. Yellow.

171425. *Chung Puk Paik*. Sosa Agriculture Experiment Station.

171426. *Chung Tan Paik*. Sosa Agriculture Experiment Station.

171427 to 171434. From China.

171427. No. 36. *Peiping Large*.

171428. No. 37. Ma Chiu Chiao, 10 miles east of Peiping.

171429. No. 38. Black. An Yang, Honan Province.

171430. No. 39. Green. An Yang, Honan Province.

171431. No. 40. Green. Ma Chiu Chiao.

171432. No. 41. Green. Peiping.

171433. No. 42. Black. Peiping.

171434. No. 42A. Yellow. Peiping.

171435. PHASEOLUS AUREUS Roxb. Fabaceae.

Mung bean.

No. 55. Green. Peiping, China.

171436 to 171455. GLYCINE MAX (L.) Merrill. Fabaceae.

Soybean.

171436 to 171446. From China.

171436. No. 1116. *Pan-San*. Szechwan Province.

171437. No. 2107. *Pan-San*. Szechwan Province.

171438. No. 2236. *Hwa-an*. Szechwan Province.

171439. No. 3032. Green. Nanking, Kiangsu Province.

171440. No. 3093. Green. Nanking.

171441. No. 3216. *Mud-bean*. Shensi Province.

171416 to 171455.—Continued

171436 to 171455.—Continued

171436 to 171446.—Continued

171442. No. 3226. Brown. Shensi Province.

171443. No. 3228. *Tea-bean*. Shensi Province.

171444. No. 3233. Red mottled. Waukiang, Hopeh Province.

171445. No. 332. University of Nanking, Nanking, Kiangsu Province.

171446. No. 373. University of Nanking, Nanking.

171447 to 171455. From the Kanagawa Agriculture Experiment Station, Kanagawa, Japan.

171447. No. 2. Medium.

171452. *Sherokuchi No. 1*.171448. No. 1. *Tokyo No. 1*.

Early.

171449. *Karika-Takuja*.171453. *Waseo Saya*. Early.171450. *Kisaya*. Yellow. Early.171454. *Kurosakigake*.171451. *Kosamame*. Yellow.
Late.171455. *Akasaya*. Brown pod.

171456 to 171459.

From Ecuador. Seeds collected by W. H. Cowgill, Office of Foreign Agricultural Relations, Washington, D. C. Received Nov. 24, 1948.

171456. *LUPINUS* sp. Fabaceae.

Lupine.

171457. *CANAVALIA* sp. Fabaceae.171458. *CYPERUS* sp. Cyperaceae.171459. *UNIOLA PITTIERI* Hack. Poaceae.171460 to 171462. *MALUS* spp. Rosaceae.

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Dec. 2, 1948.

171460. *MALUS* sp.

Selection from P. I. 135981.

171461. *MALUS BACCATA* (L.) Moench.

Siberian crabapple.

Selection from P. I. 135982.

171462. *MALUS*.

Selection from P. I. 135983.

171463. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castorbean.

From Burma. Seeds presented by U. Aye Maung, Sr., Agricultural Assistant, Allanmyo. Received Nov. 24, 1948.

171464 to 171466. *FRAGARIA*. Rosaceae.

Strawberry.

From Canada. Plants presented by M. B. Davis, Central Experimental Farm, Ottawa. Received Dec. 3, 1948.

171464. *Brightmore*.171465. *Catskill*.171466. *Northstar*.

171467 to 171925.

From Turkey. Collected by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 8, 1948.

Collected in 1948; seeds unless otherwise noted.

171467 to 171925.—Continued

171467. *ACACIA DECURRENS* Willd. Fabaceae.

No. 7009. Bahce Kulturleri Istasyonu, Rize, Rize. Aug. 2.

171468. *AEGILOPS TRIUNCIALIS* L. Poaceae.

No. 6940. Fifteen km. north of Niksar, Tokat. July 28.

171469. *AEGILOPS TRIARISTATA* Willd.

No. 6945. Niksar, Tokat. July 28.

171470. *AGROSTIS TENUIS* Sibth. Poaceae.

No. 6995. Soguk River near Trabzon, Trabzon. Aug. 1.

171471. *ALBIZZIA JULIBRISSIN* Durazz. Fabaceae.

Silk tree.

No. 7008. Bahce Kulturleri Istasyonu, Rize, Rize. Aug. 2.

171472 to 171481. *ALLIUM CEPA* L. Liliaceae.

Onion.

171472. No. 6655. Seed dealer, Kastamonu, Kastamonu. July 23.

171473. No. 6656. Seed dealer, Kastamonu. July 23.

171474. No. 6715. *Sogan*. Seed dealer, Samsun, Samsun. July 25.

171475. No. 6793. Seedsman, Amasya, Amasya. July 26.

171476. No. 6819. Turhal Sugar Company, Turhal, Tokat. July 27.

171477. No. 6862. Kayseri, Kayseri. Yellow type.

171478. No. 6882. *Kille*. Seedsman, Tokat, Tokat. July 27.

171479. No. 6894. Niksar, Tokat. July 27.

171480. No. 6926. *Sogan*. Agricultural Agent, Niksar, Tokat. July 28.171481. No. 7053. *Siska*. Director of Agriculture, Trabzon, Trabzon. Aug. 2.171482 to 171487. *ALLIUM PORRUM* L.

Leek.

171482. No. 6703. Seedsman, Samsun, Samsun. July 25.

171483. No. 6744. Samsun Bolge Tohum Istasyonu, Samsun, Samsun.

171484. No. 6795. Seedsman, Amasya, Amasya. July 26.

171485. No. 6822. Turhal Sugar Company, Turhal, Tokat. July 27.

171486. No. 6853. Seedsman, Tokat, Tokat.

171487. No. 6931. Niksar, Tokat. July 28.

171488 to 171491. *ALLIUM SATIVUM* L.

Garlic.

Bulbs.

171488. No. 6662. Seedsman, Kastamonu, Kastamonu. July 23.

171489. No. 6910. Niksar, Tokat. July 28.

171490. No. 7019. Market, Rize, Rize. Aug. 2. Originally from Bandirma, Balikesir.

171491. No. 7043. Market, Rize, Rize.

171492 to 171496. *ANETHUM GRAVEOLENS* L. Apiaceae.

Dill.

171492. No. 6831. Seedsman, Tokat, Tokat. July 27.

171493. No. 6923. Niksar, Tokat.

171494. No. 7124. Bayburt, Gumusane. Aug. 5.

171495. No. 7212. Pasinler, Erzurum. Aug. 7.

171496. No. 6816. Turhal Sugar Company, Turhal, Tokat.

171497. *ANDROPOGON ISCHAEMUM* L. Poaceae.

Feather grass.

No. 7004. Surmene, Trabzon. Aug. 2.

171467 to 171925.—Continued

- 171498 to 171501. *APIUM GRAVEOLENS* L. Apiaceae. Celery.
 171498. No. 6557. Devrek, Zonguldak. July 20.
 171499. No. 6590. Garden of Inceoglu, Bartin, Zonguldak. July 21.
 171500. No. 6823. Turhal Sugar Company, Turhal, Tokat. July 27.
 171501. No. 6829. Seedsman, Tokat. July 27.
171502. *ASPARAGUS OFFICINALIS* L. Liliaceae. Garden asparagus.
 No. 6583. Garden of Inceoglu, Bartin, Zonguldak.
171503. *BETA LOMATAGONA* Fisch. & Mey. Chenopodiaceae.
 No. 7233. Village of Harasen, Pasinler, Erzurum. Aug. 8.
- 171504 to 171520. *BETA VULGARIS* L. Beet.
 171504. No. 6589. Garden of Inceoglu, Bartin, Zonguldak. July 21.
 171505. No. 6630. Village of Iksife, Arac, Kastamonu.
 171506. No. 6660. Seed dealer, Kastamonu, Kastamonu. July 23.
 171507. No. 6711. *Kocabas*. Seed dealer, Samsun, Samsun. July 25.
 171508. No. 6728. Seed dealer, Samsun, Samsun. July 25.
 171509. No. 6752. *Hayvan*. Director of Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25. Fodder type.
 171510. No. 6791. Seedsman, Amasya, Amasya. Sugar type.
 171511. No. 6828. Turhal Sugar Company, Turhal, Tokat. July 27. Sugar type.
 171512. No. 6864. Seedsman, Tokat, Tokat. Wild type.
 171513. No. 6883. Seedsman, Tokat, Tokat.
 171514. No. 6934. Niksar, Tokat. Sugar type.
 171515. No. 7122. Village of Cimin, Erzincan. Aug. 5. Wild type.
 171516 to 171519. Village of Kisanta, Bayburt, Gumusane. Aug. 5.
 171516. No. 7154. 171518. No. 7164.
 171517. No. 7159. 171519. No. 7167.
171520. No. 7311. Cilavuz, Kars. White type.
171521. *BRASSICA NAPUS* L. Brassicaceae. Rape.
 No. 6839. Seedsman, Tokat, Tokat. July 27. Originally from Sivas, Sivas.
171522. *BRASSICA NIGRA* (L.) Koch. Black mustard.
 No. 6918. Niksar, Tokat. July 28.
- 171523 to 171536. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Cabbage.
 171523. No. 6722. Seed dealer, Samsun, Samsun.
 171524. No. 6745. *Kolza*. Director of Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.
 171525. No. 6798. Seedsman, Amasya, Amasya.
 171526. No. 6815. *Bruksel*. Turhal Sugar Company, Turhal, Tokat. July 27.
 171527. No. 6825. *Alabas*. Turhal Sugar Company, Turhal, Tokat. July 27.
 171528. No. 6834. Seedsman, Tokat, Tokat. Local type.
 171529. No. 6917. Niksar, Tokat. July 28.
 171530. No. 6960. Karakurs, Unye, Ordu. Dark-colored type. July 28.
 171531. No. 7078. Akcaabat, Trabzon. Aug. 3.

171467 to 171925.—Continued

171523 to 171536.—Continued

171532. No. 7116. Bayburt, Gumusane. White type. Aug. 5.
 171533. No. 7129. Village of Sinek, Trabzon. Dark-colored type.
 171534. No. 7214. Pasinler, Erzurum.
 171535. No. 7309. Normal School, Cilavuz, Kars. Aug. 10.
 171536. No. 7327. Seedsman, Kars, Kars. Originally from Bayburt, Gumusane.

171537. BRASSICA OLERACEA VAR. BOTRYTIS L.

Cauliflower.

- No. 6588. Garden of Inceoglu, Bartin, Zonguldak. July 21.

171538. BRASSICA sp.

- No. 6897. Niksar, Tokat. July 27.

171539. BROMUS sp. Poaceae.

- No. 6937. Fifteen km. north of Niksar, Tokat. July 28.

171540. BROMUS sp.

- No. 6998. Village of Kirechane, Trabzon. Aug. 1.

171541. BROMUS sp.

- No. 7003. Surmene, Trabzon. Aug. 2. Growing along the coast.

171542 to 171552. CANNABIS SATIVA L. Moraceae.

Hemp.

171542. No. 6578. Bartin, Zonguldak. July 21.
 171543. No. 6665. Market, Taskopru, Kastamonu. July 23.
 171544. No. 6690. Kabali, Sinop.
 171545. No. 6749. *Gumushacikoy*. Director of Samsun Bolge Tohum Istasyonu, Samsun. July 25.
 171546. No. 6786. Seedsman, Amasya, Amasya. Originally from village of Gumushacikoy, Amasya.
 171547. No. 6885. Seedsman, Tokat, Tokat. July 27.
 171548. No. 6961. Karakurs, Unye, Ordu.
 171549. No. 6983. Seed dealer, Unye, Ordu. July 29.
 171550. No. 7011. Market, Rize, Rize. Aug. 2.
 171551. No. 7060. Director of Agriculture, Trabzon, Trabzon.
 171552. No. 7126. *Kendir*. Originally from village of Cimin, Erzincan.

171553 to 171565. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

171553. No. 6582. Garden of Inceoglu, Bartin, Zonguldak. July 21. Fruit yellow, tapering.
 171554. No. 6613. Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
 171555. No. 6648. Seed dealer, Kastamonu, Kastamonu. July 23.
 171556. No. 6756. Samsun Bolge Tohum Istasyonu, Samsun. Fruit long, tapering.
 171557. No. 6758. *Dolma*. Samsun Bolge Tohum Istasyonu, Samsun.
 171558. No. 6799. *Dolma*. Seedsman, Amasya, Amasya. July 26.
 171559. No. 6810. Seedsman, Amasya, Amasya. July 26. Fruit long, tapering.
 171560. No. 6836. Seedsman, Tokat, Tokat. July 27.
 171561. No. 6932. *Patlican*. Niksar, Tokat. July 28.
 171562. No. 6933. *Dolmalik*. Niksar, Tokat. July 28.

171467 to 171925.—Continued

171553 to 171565.—Continued

171563. No. 7030. Market-place, Rize, Rize. Aug. 2.

171564. No. 7042. Market-place, Rize. Aug. 2.

171565. No. 7128. *Dolmalik*. Bayburt, Gumusane. Originally from Cimin, Erzincan. Aug. 5.171566 to 171578. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

171566. No. 6540. Mengen, Bolu. July 20.

171567. No. 6570. Bartin, Zonguldak. July 21.

171568. No. 6649. Seed dealer in Kastamonu, Kastamonu. July 23.

171569. No. 6721. Seed dealer in Samsun, Samsun. July 25. Local type.

171570. No. 6723. Samsun, Samsun. Spanish type.

171571. No. 6775. Havza, Samsun.

171572. No. 6797. Seedsman, Amasya, Amasya. July 26.

171573. No. 6802. Seedsman, Amasya, Amasya. Originally from Youdenek.

171574. No. 6838. Seedsman, Tokat, Tokat. Local type.

171575. No. 6890. Niksar, Tokat. July 27.

171576. No. 6958. Karakurs, Unye, Ordu. Local type.

171577. No. 7020. Rize, Rize. Originally from Samsun.

171578. No. 7062. Akcaabat, Trabzon. Aug. 3.

171579 to 171587. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

171579. No. 6612. Forest School, Karabuk, Safranbolu, Zonguldak. July 22.

171580. No. 6718. Seed dealer, Samsun, Samsun.

171581. No. 6835. Seedsman, Tokat, Tokat. Local type.

171582. No. 6845. Amasya, Amasya.

171583. No. 6866. Seedsman, Tokat, Tokat. July 27. Originally from Malatya.

171584. No. 6901. Niksar, Tokat.

171585. No. 6928. Niksar, Tokat.

171586. No. 7232. Collected in Erzurum. Originally from Erzincan.

171587. No. 7380. Artvin, Coruh. Aug. 12.

171588. *CRYPTOMERIA JAPONICA* (L. f.) D. Don. Pinaceae.

Common cryptomeria.

No. 7006. Bahce Kulturleri Istasyonu, Rize. Aug. 2.

171589 to 171592. *CORIANDRUM SATIVUM* L. Apiaceae.

Coriander.

171589. No. 6863. Seedsman, Tokat, Tokat. July 27.

171590. No. 7131. Gez, Erzurum. Aug. 5.

171591. No. 7163. Kisanata, Bayburt, Gumusane.

171592. No. 7209. Pasinler, Erzurum. Aug. 7.

171593 to 171599. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

171593. No. 6647. *Nakisli*. Seed dealer, Kastamonu, Kastamonu. July 23.

171594 to 171597. From Samsun, Samsun.

171594. No. 6727. *Citir*. Seedsman.
July 25.171596. No. 6755. *Hasanbey*.171597. No. 6757. *Menemen*.171595. No. 6748. *Citilli*. Istasyonu.

171598. No. 6867. Seedsman, Tokat, Tokat. July 27.

171599. No. 7204. Pasinler, Erzurum.

171467 to 171925.—Continued

- 171600 to 171613. *CUCUMIS SATIVUS* L. Cucumber.
171600. No. 6558. Devrek, Zonguldak. July 20.
171601. No. 6587. *Rus Cinsi*. Garden of Inceoglu, Bartın, Zonguldak, Russian type.
171602. No. 6604. Forest School, Karabuk, Safranbolu, Zonguldak.
171603. No. 6644. Seed dealer, Kastamonu, Kastamonu. July 23.
171604. No. 6792. Seedsman, Amasya, Amasya. July 26.
171605. No. 6826. Turhal Sugar Company, Turhal, Tokat.
171606. No. 6870. Seedsman, Tokat, Tokat. Local Type.
171607. No. 6875. *Sivas*. Seedsman, Tokat. July 27.
171608. No. 6900. Niksar, Tokat.
171609. No. 7026. *Dalda Oglan*. Rize, Rize. Aug. 2.
171610. No. 7034. *Yerde Olan*. Rize.
171611. No. 7052. Director of Agriculture, Trabzon, Trabzon. Local type.
171612. No. 7055. Director of Agriculture, Trabzon.
171613. No. 7125. Bayburt, Gumusane. Aug. 5. Originally from Amasya, Amasya.
- 171614 to 171617. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
171614. No. 6542. Mengen, Bolu. July 20. Seeds yellow.
171615. No. 6543. Mengen, Bolu. July 20. Seeds white.
171616. No. 6811. *Kestane*. Seedsman, Amasya, Amasya. July 26.
171617. No. 6851. *Cerkez*. Seedsman, Tokat, Tokat. July 27.
171618. *CUCURBITA MOSCHATA* Duchesne. Cushaw.
- No. 6720. *Kestane*. Seed dealer, Samsun, Samsun. July 25.
- 171619 to 171635. *CUCURBITA PEPO* L. Pumpkin.
171619. No. 6541. Mengen, Bolu. July 20.
171620. No. 6584. Garden of Inceoglu, Bartın, Zonguldak. July 21.
171621. No. 6585. Garden of Inceoglu, Bartın, Zonguldak. July 21. Sweet type.
171622. No. 6645. *Dolmalik*. Seed dealer, Kastamonu, Kastamonu. July 23.
171623. No. 6712. Seed dealer, Samsun, Samsun. July 25. Sweet type.
171624. No. 6724. Seed dealer, Samsun, Samsun, July 25. Dark-colored type.
171625. No. 6789. Seedsman, Amasya, Amasya. Sweet type.
171626. No. 6832. *Dolmalik*. Seedsman, Tokat, Tokat. July 27.
171627. No. 6916. *Erken*. Niksar, Tokat.
171628. No. 6962. Karakurs, Unye, Ordu. Dark-colored-type.
171629. No. 6976. Seed dealer, Unye, Ordu. July 29.
171630. No. 7031. Market, Rize. Aug. 2. Light-colored type.
171631. No. 7059. Director of Agriculture, Trabzon. Sweet type.
171632. No. 7134. Bayburt, Gumusane. Aug. 5. Originally from Abusta. Dark-colored type.
171633. No. 7161. *Dolmalik*. Kisanta, Bayburt, Gumusane.
171634. No. 7321. *Balkabagi*. Kars, Kars.
171635. No. 7323. *Dolmalik*. Seed store, Kars, Kars. Originally from Amasya.

171467 to 171925.—Continued

171636. *CUCURBITA* sp.
No. 7041. Rize, Rize. Aug. 2.
- 171637 and 171638. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.
171637. No. 6941. Cam Ici, Niksar, Tokat. July 28.
171638. No. 6990. Holamana Hacibesir, Trabzon. Aug. 1.
171639. *DATURA STRAMONIUM* L. Cucurbitaceae. Jimsonweed.
No. 7079. Trabzon, Trabzon. Aug. 3.
- 171640 to 171645. *DAUCUS CAROTA* L. Apiaceae. Carrot.
171640. No. 6591. Garden of Inceoglu, Bartin, Zonguldak. July 21.
171641. No. 6821. Turhal Sugar Company, Turhal, Tokat.
171642. No. 6856. Seedsman, Tokat, Tokat. July 27.
171643. No. 6915. Niksar, Tokat.
171644. No. 7117. Bayburt, Gumusane. Originally from Cimin, Nakiyesi, Erzincan.
171645. No. 7306. Normal School, Cilavuz, Kars. Originally from Erzurum, Erzurum.
171646. *DIANTHUS* sp. Caryophyllaceae.
No. 6597. Forest School, Karabuk, Safranbolu, Zonguldak.
171647. *DORYCNium* sp. Fabaceae.
No. 6991. Holamana Hacibesir, Trabzon. Aug. 1.
171648. *ELYMUS CAPUT-MEDUSAE* L. Poaceae.
No. 6943. Fifteen km. north of Nihsar, Tokat. July 28.
171649. *FAGUS ORIENTALIS* Lipsky. Fagaceae. Oriental beech.
No. 6965. Karakurs, Unye, Ordu.
171650. *BRACHYPODIUM SYLVATICUM* (Huds.) Beauv. Poaceae.
No. 6996. Soguk Su, Trabzon. Aug. 1.
- 171651 to 171654. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.
171651. No. 6969. Seed dealer, Unye, Ordu.
171652 to 171654. Market, Rize, Rize. Aug. 2.
171652. No. 7010.
171653. No. 7028.
171654. No. 7033.
- 171655 to 171657. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.
171655. No. 6706. *Aycicegi*. Seed dealer, Samsun, Samsun. July 25.
171656. No. 6874. Seedsman, Tokat, Tokat. July 27.
171657. No. 6967. Yuyci, Unye, Ordu.
- 171658 to 171662. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
171658. No. 6559. Devrek, Zonguldak. July 20.
171659. No. 6804. *Sultane*. Seed dealer, Amasya, Amasya. July 26.
171660. No. 6886. *Sultane*. Seedsman, Tokat, Tokat. July 27.
171661. No. 6927. Niksar, Tokat. Local type.
171662. No. 7057. Director of Agriculture, Trabzon, Trabzon. Aug. 2.

171467 to 171925.—Continued

171663. *HOLCUS LANATUS* L. Poaceae. Velvet grass.
No. 6994. Soguk Su, Trabzon. Aug. 1.
171664. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. Common morning-glory.
No. 6865. Seedsman, Tokat, Tokat. July 27.
- 171665 to 171676. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
171665. No. 6552. Devrek, Zonguldak. July 20.
171666. No. 6646. *Siyah*. Seed dealer, Kastamonu, Kastamonu. July 23.
171667. No. 6651. *Kivircik*. Kastamonu, Kastamonu. Curly leaves.
171668. No. 6661. Kastamonu, Kastamonu. Light-colored type.
171669. No. 6762. *Gobek*. Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 26.
171670. No. 6818. *Yedikule*. Turhal Sugar Company, Turhal, Tokat.
171671. No. 6830. *Kivircik*. Seedsman, Tokat, Tokat. July 27. Curly leaves.
171672. No. 6847. *Gobekli*. Seedsman, Tokat, Tokat.
171673. No. 6925. Niksar, Tokat. July 28.
171674. No. 7111. Bayburt, Gumusane. Aug. 5.
171675. No. 7307. *Kivircik*. Normal School, Cilavuz, Kars. Aug. 10. Curly leaves.
171676. No. 7322. Seed store, Kars, Kars. Originally from Kayseri, Kayseri.
171677. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. Calabash gourd.
No. 6849. Seedsman, Tokat. July 27.
- 171678 to 171692. *LENS CULINARIS* Medic. Fabaceae. Lentil.
171678. No. 6537. Mengen, Bolu. July 20.
171679. No. 6569. Bartin, Zonguldak.
171680. No. 6571. Bartin, Zonguldak.
171681. No. 6772. Havza, Samsun.
171682. No. 6781. Seed dealer, Amasya, Amasya. July 26. Originally from Gordenik.
171683. No. 6876. Seedsman, Tokat, Tokat. July 27.
171684. No. 6887. Tokat. Originally from Kavak, Yildizeli, Sivas.
171685. No. 6888. Niksar, Tokat.
171686. No. 6774. Havza, Samsun.
171687. No. 6954. Karakurs, Unye, Ordu. July 28. Local type.
171688. No. 7017. Rize, Rize. Aug. 2. Originally from Samsun, Samsun.
171689. No. 7023. Rize, Rize. Aug. 2. Originally from Samsun, Samsun.
171690. No. 7155. *Sultaniye*. Kisanta, Bayburt, Gumusane. Aug. 5.
171691. No. 7225. Nebihani, Erzurum. Aug. 7.
171692. No. 7300. *Sultani*. Merza, Kars. Aug. 10.
- 171693 to 171695. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.
171693. No. 6726. Seed dealer, Samsun, Samsun. July 25.
171694. No. 6837. Seedsman, Tokat, Tokat. July 27.
171695. No. 7329. Seed store, Kars, Kars. Aug. 10. Originally from Erzurum, Erzurum.

171467 to 171925.—Continued

- 171696 to 171705. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**
 171696. No. 6544. Mengen, Bolu. July 20.
 171697. No. 6561. Sixteen km. southeast of Zonguldak, Zonguldak.
 171698. No. 6574. Bartın, Zonguldak.
 171699. No. 6759. *Lif.* Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.
 171700. No. 6790. Seedsman, Amasya, Amasya. July 26.
 171701. No. 6850. Seedsman, Tokat, Tokat. July 27.
 171702. No. 6929. Niksar, Tokat.
 171703. No. 6987. Unye, Ordu. Originally from Saylan.
 171704. No. 7215. Pasinler, Erzurum. Originally from Mindivan.
 171705. No. 7337. Zuhrap, Arpacay, Kars. Aug. 11.
171706. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. **Suakwa towelgourd.**
 No. 6593. Garden of Inceoglu, Bartın, Zonguldak. July 21.
171707. *LUFFA ACUTANGULA* (L.) Roxb. **Sing kwa towelgourd.**
 No. 6731. Samsun Bolge Tohum Istasyonu, Samsun, Samsun.
- 171708 to 171718. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
 171708. No. 6581. *Kir Domatesi.* Garden of Inceoglu, Bartın, Zonguldak. July 21. Local type.
 171709. No. 6592. *Herek.* Garden of Inceoglu, Bartın, Zonguldak. July 21.
 171710. No. 6602. Forest School, Karabuk, Safranbolu, Zonguldak. Local type.
 171711. No. 6659. Seed dealer, Kastamonu, Kastamonu. Local type.
 171712. No. 6714. Seed dealer, Samsun, Samsun. July 25.
 171713. No. 6746. Director, Samsun Bolge Tohum Istasyonu, Samsun, Samsun. Local type.
 171714. No. 6813. Seed dealer, Amasya, Amasya. Local type.
 171715. No. 6827. *Sirik.* Turhal Sugar Company, Turhal, Tokat. July 27.
 171716. No. 6858. Seedsman, Tokat, Tokat. Local type.
 171717. No. 6924. Agricultural Agent, Niksar, Tokat.
 171718. No. 7115. Bayburt, Gumusane. Aug. 5. Originally from Haniye, Trabzon.
- 171719 to 171721. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**
 171719. No. 6939. Fifteen km. north of Niksar, Tokat. July 28.
 171720. No. 6784. *Yonca Kayseri.* Seed dealer, Amasya, Amasya. July 26.
 171721. No. 6878. *Kayseri.* Seedman, Tokat, Tokat. July 27.
171722. *NICOTIANA TABACUM* L. Fabaceae. **Tobacco.**
 No. 7067. Market, Akcaabat, Trabzon. Aug. 3.
171723. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**
 No. 6857. *Corek Otu.* Seedsman, Tokat, Tokat. July 27.
171724. *ONOBRYCHIS* sp. Fabaceae.
 No. 7149. Surnu, Bayburt, Gumusane. Aug. 5.
- 171725 and 171726. *ONOBRYCHIS VICIAEFOLIA* Scop. **Sainfoin.**
 171725. No. 7156. *Korunga.* Kisanta, Bayburt, Gumusane.
 171726. No. 7253. Zivin, Kars. Aug. 8.

171467 to 171925.—Continued

171727. *PANICUM MILIACEUM* L. Poaceae. Proso.
No. 6539. *Dari*. Mengen, Bolu. July 20.
- 171728 and 171729. *PAPAVER SOMNIFERUM* L. Papaveraceae. Opium poppy.
171728. No. 6782. *Avrel*, Amasya. July 26.
171729. No. 6854. *Seedsman*, Tokat, Tokat. July 27.
- 171730 to 171739. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.
171730. No. 6553. *Devrek*, Zonguldak. July 20.
171731. No. 6658. *Seed dealer*, Kastamonu, Kastamonu. July 23.
171732. No. 6729. *Seedsman*, Samsun, Samsun. July 25.
171733. No. 6809. *Seedsman*, Amasya, Amasya.
171734. No. 6814. *Turhal Sugar Company*, Turhal, Tokat.
171735. No. 6868. *Seedsman*, Tokat, Tokat. July 27.
171736. No. 6889. *Niksar*, Tokat.
171737. No. 6922. *Niksar*, Tokat.
171738. No. 7158. *Kisanta*, Bayburt, Gumusane. Aug. 5.
171739. No. 7328. *Kars*, Kars. Aug. 10. Originally from Kayseri.
- 171740 to 171808. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
171740. No. 6533. Mengen, Bolu. July 20.
171741. No. 6538. Mengen, Bolu.
171742. No. 6560. *Devrek*, Zonguldak. July 20.
171743. No. 6567. *Bartin*, Zonguldak. July 21.
171744. No. 8184. *Mardin*, Mardin. Sept. 6.
171745. No. 6575. *Bartin*, Zonguldak.
171746. No. 6628. *Arac*, Kastamonu. July 22.
171747. No. 6653. *Seed dealer*, Kastamonu, Kastamonu. July 23.
171748. No. 6663. *Alyanak*. Market, Taskopru, Kastamonu.
171749. No. 6672. Market, Taskopru, Kastamonu. White.
171750 to 171756. *Seed dealer*, Samsun, Samsun. July 25.
171750. No. 6705. *Siyah Barbunya*.
171751. No. 6708. *Karaca*.
171752. No. 6709. Sweet type.
171753. No. 6710. *Barbunya*.
171754. No. 6716. *Papuc Boyas*.
171755. No. 6719. *Selanik*. Local type.
171756. No. 6730. *Gayreth*.
171757. No. 6738. *Director of Samsun Bolge Tohum Istasyonu*, Samsun.
171758. No. 6779. *Beldag*, Amasya. July 26. Sweet type.
171759. *Seedsman*, Amasya, Amasya. Originally from Beldag, Amasya.
- 171760 to 171769. From Tokat Province.
171760. No. 6860. *Seedsman*, Tokat. Local type.
171761. No. 6873. *Bobrek*. *Seedsman*. July 27.
171762. No. 6879. *Siyah*. *Seedsman*. July 27.

171467 to 171925.—Continued

171740 to 171808.—Continued

171760 to 171769.—Continued

171763 to 171769. Niksar.

171763. No. 6892. Bush type.

171764. No. 6893. White.

171765. No. 6895.

171766. No. 6896. Yalle.

171767. No. 6906. July 27.

171768. No. 6919.

171769. No. 6935. *Aysekadin*,
Agricultural Agent.171770. No. 6953. *Barbunya*. Karakurs, Unye, Ordu.

171771. No. 6968. Seed dealer, Unye, Ordu. Originally from Tekkiras, Ordu.

171772. No. 6974. Seed dealer, Unye, Ordu. Originally from Tekkiras, Ordu.

171773. No. 6975. *Barbunya*. Ugurlu, Unye, Ordu.171774. No. 6989. *Kornus*. Pelitili Yatak, Unye, Ordu. July 30.

171775 to 171787. Collected in Rize, Rize. Aug. 2.

171775. No. 7012. *Batal*. Originally from Uma, Ordu.

171776. No. 7013.

171777. No. 7015. Sweet type.

171778. No. 7016. Sweet type.

171779. No. 7018. Sweet type.

171780. No. 7027. *Cali*.171781. No. 7029. *Cali*. Originally from Karadere.171782. No. 7032. *Cali*. Originally from Kamanit.171783. No. 7035. *Seker Tombul*. Sweet type.171784. No. 7036. *Pasa*.171785. No. 7037. *Barbunya*.

171786. No. 7039. (No data.)

171787. No. 7040. (No data.)

171788 to 171794. From the Director of Agriculture, Trabzon, Trabzon. Aug. 2.

171788. No. 7045. *Guzluk*. Fall type.171789. No. 7046. *Barbunya*.171790. No. 7048. *Barbunya*.171791. No. 7049. *Mercan*. Holamana, Trabzon.171792. No. 7051. *Guzluk*.

171793. No. 7056. Sweet type.

171794. No. 7058. *Kukgunluk*.

171795 to 171804. From Akcaabat, Trabzon. Aug. 3.

171795. No. 7061. *Barbunya*. Originally from Surmene, Trabzon.

171796. No. 7064. White.

171797. No. 7065. *Aysekadin*.171798. No. 7068. *Kukgunuk*.171799. No. 7069. *Aysekadin*.171800. No. 7071. *Kozali*.171801. No. 7072. *Kukgunuk*.171802. No. 7073. *Barbunya*.171803. No. 7074. *Guz*.

171804. No. 7076. (No data.)

171805. No. 7153. *Barbunya*. Kisanta, Bayburt, Gumusane. Aug. 5.171806. No. 7157. *Eysek*. Kisanta, Bayburt, Gumusane.171807. No. 7165. *Barbunya*. Kisanta, Bayburt, Gumusane.171808. No. 7319. *Cali*. Seedsman, Kars, Kars. Aug. 10. Originally from Posof, Kars.171809. *PIMPINELLA ANISUM* L. Apiaceae.

Anise.

No. 6861. Seedsman, Tokat, Tokat. July 27.

171467 to 171925.—Continued

- 171810 to 171816. *PISUM SATIVUM* L. Fabaceae. Pea.
 171810 and 171811. Director, Samsun Bolge Tohum Istasyonu, Samsun.
 Samsun. July 25.
 171810. No. 6754.
 171811. No. 6761. *Victoria*.
 171812. No. 6898. Niksar, Tokat. July 25.
 171813. No. 6952. Karakurs, Unye, Ordu.
 171814. No. 7093. Zigana, Torul, Gumusane. Aug. 4.
 171815. No. 7169. *Kultur*. Kisanta, Bayburt, Gumusane.
 171816. No. 7195. *Kultur*. Kopdibi, Askale, Erzurum. Aug. 6.
 171817. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.
 No. 6783. Seed store, Amasya, Amasya. July 26.
 171818. *PRUNUS LAUROCERASUS* L. English cherry-laurel.
 No. 6999. Arsen, Trabzon. Aug. 1.
 171819 to 171821. *PRUNUS MAHALEB* L. Mahaleb cherry.
 171819. No. 6805. Seed store, Amasya.
 171820. No. 6859. Seedsman, Tokat, Tokat. July 27.
 171821. No. 6956. Karakurs, Unye, Ordu. July 28.
 171822. *PORTULACA OLERACEA* L. Portulacaceae. Common purslane.
 No. 6820. Turhal Sugar Company, Turhal, Tokat. July 26.
 171823. *RUMEX* sp. Polygonaceae.
 No. 6545. Twenty km. northwest of Mengen, Bolu. July 20.
 171824 and 171825. *RUMEX CRISPUS* L.
 171824. No. 6765. Twelve km. south of Kavak, Samsun. July 26.
 171825. No. 6942. Fifteen km. north of Niksar, Tokat.
 171826. *RUMEX* sp.
 No. 7000. Arsen, Trabzon. Aug. 2.
 171827 to 171846. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
 171827. No. 6657. Seed dealer, Kastamonu, Kastamonu. July 23. Black
 type.
 171828. No. 6713. Seed dealer, Samsun, Samsun. Red. Local type.
 171829. No. 6717. Samsun.
 171830. No. 6742. Director, Samsun Bolge Tohum Istasyonu, Samsun, Sam-
 sun. July 25. White.
 171831. No. 6800. Seedsman, Amasya, Amasya.
 171832. No. 6801. Amasya, Amasya. Black type.
 171833. No. 6817. Turhal Sugar Company, Turhal, Tokat.
 171834. No. 6824. Turhal Sugar Company, Turhal, Tokat.
 171835. No. 6855. Seedsman, Tokat, Tokat. July 27.
 171836. No. 6880. Tokat.
 171837 to 171840. Niksar, Tokat.
 171837. No. 6899. 171839. No. 6921. Bayir.
 171838. No. 6914. 171840. No. 6930.
 171841. No. 7047. Director of Agriculture, Trabzon, Trabzon. Aug. 2.
 171842. No. 7077. Akcaabat, Trabzon. Black type.

171467 to 171925.—Continued

171827 to 171846.—Continued

171843. No. 7121. Bayburt, Gumusane. Aug. 5. Originally from Cimin, Erzincan. Black.

171844. No. 7127. *Firenk.* Bayburt, Gumusane. Originally from Trabzon, Trabzon.

171845. No. 7208. Pasinler, Erzurum.

171846. No. 7210. Pasinler, Erzurum.

171847 to 171855. SOLANUM MELONGENA L. Solanaceae. Eggplant.

171847. No. 6556. Devrek, Zonguldak. July 20.

171848. No. 6579. Garden of Inceoglu, Bartin, Zonguldak.

171849. No. 6603. Forest School, Karabuk, Safranbolu, Zonguldak.

171850. No. 6650. *Bostan.* Seed dealer, Kastamonu, Kastamonu.

171851. No. 6753. Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

171852. No. 6794. Seedsman, Amasya, Amasya. Long type.

171853. No. 6869. Seedsman, Tokat, Tokat. July 27. Long type.

171854. No. 6881. *Bostan.* Tokat. Originally from Istanbul, Istanbul.

171855. No. 6909. Niksar, Tokat. Long type.

171856. SORGHUM VULGARE Pers. Poaceae.

No. 6872. Seedsman, Tokat, Tokat.

171857. SPARTIUM JUNCEUM L. Fabaceae. Weavers-broom.

No. 6993. Holamana Hacibesir, Trabzon.

171858 to 171867. SPINACIA OLERACEA L. Chenopodiaceae. Common spinach.

171858. No. 6652. Seed dealer, Kastamonu, Kastamonu. July 23.

171859. No. 6725. Seedsman, Samsun, Samsun.

171860. No. 6750. *Dikensiz.* Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

171861. No. 6751. *Dikenli.* Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

171862. No. 6877. *Dikensiz.* Seedsman, Tokat, Tokat. July 27.

171863. No. 6884. *Dikenli.* Seedsman, Tokat. July 27.

171864. No. 6920. Agricultural Agent, Niksar, Tokat.

171865. No. 7044. Director of Agriculture, Trabzon, Trabzon. Aug. 2.

171866. No. 7310. *Dikenli.* Normal School, Cilavuz, Kars. Aug. 10.

171867. No. 7313. *Dikensiz.* Normal School, Cilavuz, Kars. Aug. 10.

171868. TRACHYCARPUS EXCELSUS (Thunb.) Wendl. Phoenicaceae. Windmill palm.

No. 7007. Bahce Kulturleri Istasyonu, Rize, Rize. July 28.

171869. TRIFOLIUM sp. Fabaceae. Clover.

No. 6941. Fifteen km. north of Niksar, Tokat. July 28.

171870 and 171871. TRIFOLIUM PRATENSE L. Red clover.

171870. No. 6948. Tifi, Unye, Ordu. July 28.

171871. No. 6992. Holamana Hacibesir, Trabzon. Aug. 1.

171872. TRIGONELLA FOENUM-GRACEUM L. Fabaceae. Fenugreek.

No. 7168. *Cemen.* Kisanta, Bayburt, Gumusane.

171467 to 171925.—Continued

171873 to 171878. *VICIA ERVILIA* (L.) Willd. Fabaceae.

171873. No. 6505. Akdogan, Kizilcahamam, Ankara. July 19.

171874. No. 6523. Eskicag, Gerede, Bolu.

171875. No. 6530. Mengen, Bolu. July 20.

171876. No. 6631. Sarpuc, Arac, Kastamonu.

171877. No. 6911. Niksar, Tokat. July 28.

171878. No. 7070. Akcaabat, Trabzon. Aug. 3.

171879 to 171885. *VICIA FABA* L.

Broadbean.

171879. No. 6736. Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

171880. No. 6787. Seed dealer, Amasya, Amasya.

171881. No. 6842. Tokat, Tokat. July 27. Originally from Cerci.

171882. No. 6902. Niksar, Tokat.

171883. No. 6951. Karakurs, Unye, Ordu. July 28.

171884. No. 7014. Rize, Rize. Aug. 2. Originally from Trabzon, Trabzon.

171885. No. 7130. Bayburt, Trabzon. Aug. 2. Originally from Karadere, Trabzon. Dark-colored.

171886 to 171890. *VICIA SATIVA* L.

Common vetch.

171886. No. 6520. Resadiye, Gerede, Bolu. July 20.

171887. No. 6936. *Yabani*. Fifteen km. north of Niksar, Tokat. July 28.

171888. No. 7160. Kisanata, Bayburt, Gumusane.

171889. No. 7191. Kopdibi, Askale, Erzurum.

171890. No. 7288. Dere Ice, Kars. Aug. 10.

171891. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

No. 6580. Bartin, Zonguldak. July 21.

171892 to 171925. *ZEA MAYS* L. Poaceae.

Corn.

171892. No. 6529. Mengen, Bolu. July 20.

171893. No. 6551. Devrek, Zonguldak. Seed white. July 18.

171894. No. 6576. Bartin, Zonguldak. July 20.

171895. No. 6577. Bartin, Zonguldak. July 19.

171896. No. 6586. Garden of Inceoglu, Bartin. July 14.

171897. No. 6624. Arac, Kastamonu. July 22. Yellow.

171898. No. 6626. Arac, Kastamonu. Originally from Saltikli, Kastamonu.

171899. No. 6639. Seed store, Kastamonu.

171900. No. 6621. Seed store, Kastamonu.

171901. No. 6667. Taskopru, Kastamonu.

171902. No. 6689. Kabali, Sinop. July 23.

171903. No. 6701. Gumanuz, Alacam, Samsun.

171904. No. 6704. *Catlak*. Seed dealer, Samsun, Samsun. Popcorn.

171905 to 171910. Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

171905. No. 6733.

171908. No. 6740.

171906. No. 6734.

171909. No. 6743. *Atdisi*. White.

171907. No. 6735.

171910. No. 6763. Seed red.

171467 to 171925.—Continued

171892 to 171925.—Continued

171911. No. 6772. Havza, Samsun. July 27. Dark-colored.

171912. No. 6852. Seedsman, Tokat, Tokat.

171913. No. 6891. Niksar, Tokat.

171914. No. 7312. Normal School, Cilavuz, Kars. Aug. 10.

171915 to 171918 From Niksar, Tokat.

171915. No. 6903.

171917. No. 6912. Seeds yellow.

171916. No. 6905. Seeds red.

171918. No. 6913. Seeds yellow.

171919 to 171924. From Unye, Ordu.

171919. No. 6959. Karakurs. July 28.

171920. No. 6970. *Kaba*. Seed dealer.

171921. No. 6973. Ugurlu. July 28.

171922. No. 6976-A. July 29.

171923. No. 6980. Originally from Saylan.

171924. No. 6985. *Haci*. Gocet.171925. No. 7050. *Deve Disi*. Director of Agriculture, Trabzon, Trabzon.
Aug. 2.171926 to 171928. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

From Java. Roots presented by the American Consulate General, Batavia.
Received Dec. 7, 1948.171926. *Djarak*.171927. *Portorica*.171928. *Serdang*.171929 to 171934. *HORDEUM VULGARE* L. Poaceae.

Barley.

From Argentina. Seeds presented by the Ministerio de Agricultura, Instituto de
Fitotecnica, Estación Experimental Central, Castelar. Received Dec. 7, 1948.171929. D. I. V. 1721. *Field 5916*.171930. D. I. V. 2383. *Forrajera R. M. 85*.171931. D. I. V. 885. *Forrajera de Invierno*.171932. D. I. V. 1734. *Horn* × *Sandrel*.171933. D. I. V. 2305. *Primor* × *Trebi F. C. S.*171934. D. I. V. 1746. *Wisconsin Winter* × *Glabron*.

171935 to 171946.

From the Union of South Africa. Seeds presented by the McGregor Museum,
Kimberley, Cape Province. Received Nov. 26, 1948.171935. *ANDROPOGON* sp. Poaceae.171936. *CLEMATIS* sp. Ranunculaceae.171937. *CLEMATIS* sp.171938. *DODONAEA* sp. Sapindaceae.

Museum garden.

171939. *DOLICHOS* sp. Fabaceae.171940. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.

Bushman grass.

171941. *ERAGROSTIS BARRELIERI* Daveau. Poaceae.

171935 to 171946.—Continued

171942. *ERAGROSTIS ECHINOCHLOIDEA* Stapf.171943. *ERAGROSTIS* sp.171944. *PENNISETUM* sp. Poaceae.171945. *RHUS LANCEA* L. f. Anacardiaceae.

Rooi kartree.

171946. *RHUS UNDULATA* var. *BURCHELLII* (Engl.) Schönl.171947. *GOSSYPIUM*. Malvaceae.

Cotton.

From the Anglo-Egyptian Sudan. Seeds presented by the Department of Agriculture and Forests, Research Farm, Wad Medani. Received Dec. 10, 1948.

*Domains Sakel.*171948. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

From China. Roots presented by Norman M. Ward, Horticulturist, Shanghai. Received Dec. 8, 1948.

Okinawa 100.

171949 to 171985.

From Dominican Republic. Seeds collected by Dr. George D. Ritchey, Agricultural Experiment Station, Gainesville, Fla. Received Dec. 10, 1948.

Collected near the town of Boca Chica.

171949 to 171951. *AESCHYNOMENE AMERICANA* L. Fabaceae.

171949. No. 13.

171950. No. 16.

171951. No. 17.

171952 and 171953. *ALYSICARPUS VAGINALIS* (L.) DC. Fabaceae. Alyceclover.

171952. No. 11.

171953. No. 22.

171954. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

No. 9.

171955. *ARISTIDA* sp. Poaceae.

No. 35.

171956 and 171957. *AXONOPUS COMPRESSUS* (Swartz) Beauv. Poaceae.

171956. No. 28.

171957. No. 37.

171958. *CHLORIS* sp. Poaceae.

No. 31.

171959. *CHLORIS* sp.

No. 36.

171960. *CROTALARIA USARAMOENSIS* Baker f. Fabaceae.

No. 1.

171961. *CYNODON DACTYLON* (L.) Pers. Poaceae.

Bermuda grass.

No. 29.

171962. *DESMANTHUS VIRGATUS* (L.) Willd. Fabaceae.

No. 2.

171963. *DESMODIUM* sp. Fabaceae.

No. 12.

171949 to 171985.—Continued

171964. *DESMODIUM* sp.

No. 15.

171965. *DESMODIUM* sp.

No. 18.

171966. *DIGITARIA* sp. Poaceae.

No. 38.

171967 and 171968. *ECHINOCHLOA COLONUM* (L.) Link. Poaceae.

171967. No. 23.

171968. No. 27.

171969. *GALACTIA* sp. Fabaceae.

No. 21.

171970. *INDIGOFERA* sp. Fabaceae.

No. 5.

171971. *ORYZA SATIVA* (L.) Poaceae.

Rice.

No. 27.

171972 to 171977. *PASPALUM* spp. Poaceae.171972. *PASPALUM* sp.171975. *PASPALUM* sp.

No. 24.

No. 32.

171973. *PASPALUM* sp.171976. *PASPALUM* sp.

No. 25.

No. 33.

171974. *PASPALUM* sp.171977. *PASPALUM* sp.

No. 30.

No. 34.

171978. *PHASEOLUS LATHYROIDES* L. Fabaceae.

No. 3.

171979. *SORGHUM HALEPENSE* (L.) Pers. Poaceae.

Johnson grass.

No. 14.

171980. *ALYSICARPUS RUGOSUS* (Willd.) DC. Fabaceae.

No. 7.

171981. *STYLOSANTHES* sp. Fabaceae.

No. 19.

171982. *STYLOSANTHES* sp.

No. 20.

171983. *TEPHEROSIA* sp. Fabaceae.

No. 4.

171984. *TRICHACHENE INSULARIS* (L.) Nees. Poaceae.

No. 26.

171985. *VIGNA* sp. Fabaceae.

No. 10.

171986 to 171995.

From India. Plant material presented by the College of Dacca, Calcutta.
Received Dec. 13, 1948.

171986. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae.

Ramie.

Cuttings.

171986 to 171995.—Continued**171987 to 171995. TRIFOLIUM PRATENSE L. Fabaceae.****Red clover.**

Seeds.

171987. *Essi.*171992. *Merkur.*171988. *Harrie.*171993. *Spannarp.*171989. *Hersnap.*171994. *Ultuna.*171990. *Karaby.*171995. *Wiebull's Resistentia.*171991. *Lindby.***171996 to 171999. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Czechoslovakia. Tubers presented by the Agricultural Cooperative, Sativa.

Received Dec. 14, 1948.

171996. *Kerkov Kidney.*171998. *Kerkov Roll.*171997. *Kerkov Krasava.*171999. *Kerkov Triumf.***172000 to 172003. BETA VULGARIS L. Chenopodiaceae. Beet.**

From the Netherlands. Seeds presented by A. R. Zwaan & Zoon, Voorburg.

Received Dec. 17, 1948.

172000. *Curly Top Resistant No. 9521.*172002. *Zwaanessee II.*172001. *Zwaanessee I.*172003. *Zwaanessee III.***172004 to 172011. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Sweden. Seeds presented by the Sveriges Utsädesförenings Ultunafilial, Uppsala. Received Dec. 17, 1948.

172004. *Litt. L.*172008. *Uthma.*172005. *Litt. S.*172009. *Kushosh.*172006. *N. Edsbug.*172010. *Soidy-Ohua.*172007. *Hæste Sudy.*172011. *Offes.***172012 and 172013. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Sweden. Seeds presented by the Svenska Sockerfabriks Aktiebolaget, Landskrona. Received Dec. 14, 1948.

172012. C 4197. Sugar beet.

172013. E 1384. Sugar beet.

172014 to 172037. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Received Dec. 17, 1948.

172014. No. 4647. *Long Oval Sugar.*172026. No. 8005. *Round Speckled Sugar.*172015. No. 4649. *Small Khaki.*172027. No. 8006. *Red Eye Sugar.*172016. No. 4656. *Butter Bean.*172028. No. 8007. *Port Natal.*172017. No. 4657. *Icecream.*172029. No. 8008. *Marico.*172018. No. 4660. *Dwarf Horticulture.*172019. No. 4662. *Van Zyl.*172030. No. 8009. *Red Speckled Sugar.*172020. No. 4754. *Black Wonder Bush Beans.*172031. No. 8010. *Swartbekkie of Black Eye.*172021. No. 8000. *Lappies; Painted Lady.*172032. No. 8011. *Speckled Sugar.*172022. No. 8001. *Michigan Robust.*172033. No. 8012. *Weerskyn.*172023. No. 8002. *Natal Yellow.*172034. No. 8013. *Yellow Sugar.*172024. No. 8003. *White Sugar.*172035. No. 8014. *Khaki.*172025. No. 3004. *Riversdale Sugar No. 1.*172036. No. 8018. *Perry Marrow.*172037. No. 8019. *Natal Coffee.*

172038 to 172181. AVENA SATIVA L. Poaceae. Common oats.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Dec. 20, 1948.

172038. No. 3001.	172086. No. 3049.	172134. No. 3097.
172039. No. 3002.	172087. No. 3050.	172135. No. 3098.
172040. No. 3003.	172088. No. 3051.	172136. No. 3099.
172041. No. 3004.	172089. No. 3052.	172137. No. 3100.
172042. No. 3005.	172090. No. 3053.	172138. No. 3101.
172043. No. 3006.	172091. No. 3054.	172139. No. 3102.
172044. No. 3007.	172092. No. 3055.	172140. No. 3103.
172045. No. 3008.	172093. No. 3056.	172141. No. 3104.
172046. No. 3009.	172094. No. 3057.	172142. No. 3105.
172047. No. 3010.	172095. No. 3058.	172143. No. 3106.
172048. No. 3011.	172096. No. 3059.	172144. No. 3107.
172049. No. 3012.	172097. No. 3060.	172145. No. 3108.
172050. No. 3013.	172098. No. 3061.	172146. No. 3109.
172051. No. 3014.	172099. No. 3062.	172147. No. 3110.
172052. No. 3015.	172100. No. 3063.	172148. No. 3111.
172053. No. 3016.	172101. No. 3064.	172149. No. 3112.
172054. No. 3017.	172102. No. 3065.	172150. No. 3113.
172055. No. 3018.	172103. No. 3066.	172151. No. 3114.
172056. No. 3019.	172104. No. 3067.	172152. No. 3115.
172057. No. 3020.	172105. No. 3068.	172153. No. 3116.
172058. No. 3021.	172106. No. 3069.	172154. No. 3117.
172059. No. 3022.	172107. No. 3070.	172155. No. 3118.
172060. No. 3023.	172108. No. 3071.	172156. No. 3119.
172061. No. 3024.	172109. No. 3072.	172157. No. 3120.
172062. No. 3025.	172110. No. 3073.	172158. No. 3121.
172063. No. 3026.	172111. No. 3074.	172159. No. 3122.
172064. No. 3027.	172112. No. 3075.	172160. No. 3123.
172065. No. 3028.	172113. No. 3076.	172161. No. 3124.
172066. No. 3029.	172114. No. 3077.	172162. No. 3125.
172067. No. 3030.	172115. No. 3078.	172163. No. 3126.
172068. No. 3031.	172116. No. 3079.	172164. No. 3127.
172069. No. 3032.	172117. No. 3080.	172165. No. 3128.
172070. No. 3033.	172118. No. 3081.	172166. No. 3129.
172071. No. 3034.	172119. No. 3082.	172167. No. 3130.
172072. No. 3035.	172120. No. 3083.	172168. No. 3131.
172073. No. 3036.	172121. No. 3084.	172169. No. 3132.
172074. No. 3037.	172122. No. 3085.	172170. No. 3133.
172075. No. 3038.	172123. No. 3086.	172171. No. 3134.
172076. No. 3039.	172124. No. 3087.	172172. No. 3135.
172077. No. 3040.	172125. No. 3088.	172173. No. 3136.
172078. No. 3041.	172126. No. 3089.	172174. No. 3137.
172079. No. 3042.	172127. No. 3090.	172175. No. 3138.
172080. No. 3043.	172128. No. 3091.	172176. No. 3139.
172081. No. 3044.	172129. No. 3092.	172177. No. 3140.
172082. No. 3045.	172130. No. 3093.	172178. No. 3141.
172083. No. 3046.	172131. No. 3094.	172179. No. 3142.
172084. No. 3047.	172132. No. 3095.	172180. No. 3143.
172085. No. 3048.	172133. No. 3096.	172181. No. 3144.

172182 to 172191.

From Peru. Seeds presented by the Ministerio de Agricultura, Lima. Received Dec. 9, 1948.

172182. ACACIA VISCO Lorentz. Fabaceae.

Vilca.

172183. CAESALPINIA SPINOSA (Mol.) Kuntze. Fabaceae.

172184. CASSIA GLANDULOSA L. Fabaceae.

172185. CROTALARIA sp. Fabaceae.

172186. JACARANDA MIMOSIFOLIA D. Don. Bignoniaceae.

Green-ebony.

172187. LUPINUS MUTABILIS Sweet. Fabaceae.

South American lupine.

172182 to 172191.—Continued172188 to 172190. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

172188. *Curibaya*.172189. *Fewan*.172190. *Julia*.172191. *SPARTIUM JUNCEUM* L. Fabaceae.

Weavers-broom.

172192. *FRAGARIA CHILOENSIS* (L.) Duchesne. Rosaceae.**Chiloe strawberry.**

From Chile. Plants collected by Elmer Snyder, Fresno, Calif. Received Dec. 27, 1948.

172193 to 172196. *BETA VULGARIS* L. Chenopodiaceae.**Beet.**

From Turkey. Seeds collected in 1948 by J. R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 27, 1948.

172193. *Kisante*, Bayburt, Gumusane. 172195. *Urfa*, Urfa.172194. Southeast of Gayman, Ka-kari. 172196. *Piyanis*, Kakari.**172197 to 172202. *TRITICUM AESTIVUM* L. Poaceae.****Common wheat.**

From Australia. Seeds presented by the Waite Agricultural Research Institute, Adelaide, South Australia. Received Dec. 27, 1948.

172197. No. 8. (*Oro* × *Rapier*) × *Oro*.172198. No. 17. (*Oro* × *Bencubbin*) × *Bencubbin*.172199. No. 27. *Oro* × *Rapier*.172200. No. 106. [(*Rance* × *Doubbi*) × *Rance*] *Insignia*.172201. No. 186. (*Rance* × *Doubbi*) × *Rance*.172202. No. 190. (*Oro* × *Rance*) × *Rance*.**172203 to 172213.**

From India. Seeds presented by the New York Botanical Garden, New York, N. Y. Received Dec. 27, 1948.

Collected by the Kingdon-Ward Expedition.

172203. *AESCHYNANTHUS* sp. Gesneriaceae.

KW No. 17078.

172204. *ANNESLEA FRAGRANS* Wall. Theaceae.

KW No. 17343.

172205. *HEDYOTIS* sp. Rubiaceae.

KW No. 17583.

172206. *ILEX* sp. Aquifoliaceae.

KW No. 17677.

172207. *MACARANGA* sp. Euphorbiaceae.

KW No. 17560.

172208. *ROSA SERICEA* Lindl. Rosaceae.

KW No. 17016.

172209. *SMILAX* sp. Liliaceae.

KW No. 17277.

172210. *VACCINIUM GRIFFITHIANUM* Wight. Ericaceae.

KW No. 17053.

172203 to 172213.—Continued172211. *VIBURNUM* sp. Caprifoliaceae.

KW No. 17308.

172212. *VIBURNUM* sp.

KW No. 17546.

172213. (Undetermined.)

KW No. 17476.

172214. ESENBECKIA RUNYONII Morton. Rutaceae.

From Texas. Seeds presented by Robert Runyon, Brownsville. Received Dec. 28, 1948.

172215 and 172216. GOSSYPIUM. Malvaceae. Cotton.

From China. Seeds presented by Dr. Chi-pao Yu, National Agricultural Research Bureau, Shanghai. Received Dec. 28, 1948.

172215. No. 1.

172216. No. 2.

172217. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From India. Tubers collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 29, 1948.

No. 10556. Shanag, Kulu Valley, eastern Punjab. Nov. 21, 1948.

172218. LACTUCA BOURGAEI (Boiss.) Irish & Taylor. Asteraceae.

From Scotland. Seeds presented by the Royal Botanic Garden, Edinburgh. Received Dec. 29, 1948.

172219 to 172221. SACCHARUM. Poaceae. Sugarcane.

From India. Cuttings collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 29, 1948.

172219. No. 10534. Saharanpur, United Provinces. Dec. 6, 1948. Local type.

172220. No. 10535. *Panda*. Saharanpur, United Provinces. Dec. 6, 1948.172221. No. 10617. *Gungera*. Phulera, Jaipur. Dec. 11, 1948.**172222. SACCHARUM. Poaceae. Sugarcane.**

From Colombia. Cuttings presented by the Estación Agrícola Experimental, Palmira, Valle. Received Dec. 30, 1948.

*Comus.***172223 and 172224. KERSTINGIELLA GEOCARPA Harms. Fabaceae. Kandela-bean.**

From French West Africa. Seeds presented by the Government General de L'Afrique Occidentale Francaise, Porto-Novo. Received Dec. 14, 1948.

172223. *Blanche*.172224. *Noire*.**172225 to 172228.**

From Denmark. Seeds presented by the Danske Landboforeninger Froforsyning, Roskilde. Received Dec. 31, 1948.

172225 to 172227. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

172225. No. 413.

172226. No. 5766.

172227. No. 328.

172225 to 172228.—Continued172228. *TRIFOLIUM REPENS* L.

White clover.

No. 361.

172229 to 172235. SACCHARUM. Poaceae.

Sugarcane.

From British West Indies. Cuttings presented by the Central Sugarcane Breeding Station, Barbados. Received Dec. 31, 1948.

172229. No. B-43337.

172233. No. B-44341.

172230. No. B-3337.

172234. No. B-43391.

172231. No. B-35187.

172235. No. B-3439.

172232. No. B-4362

172236 and 172237.

From Australia. Seeds presented by the Waite Agricultural Research Institute, Adelaide, South Australia. Received Dec. 13, 1948.

172236. *MEDICAGO SATIVA* var. *GAETULA* Urban. Fabaceae.172237. *MEDICAGO SATIVA* L.

Alfalfa.

172238. PAPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Brazil. Seeds presented by Ing. F. Henry, National Seed and Experiment Station, Montevideo, Uruguay. Received Dec. 27, 1948.

From Rio Grande do Sul.

172239 to 172310.

From the Union of South Africa. Seeds presented by the American Legation, Pretoria, Transvaal. Received Dec. 20, 1948.

From Cape Province.

172239. *ANTHOSPERMUM* sp. Rubiaceae.

No. 39. Veld Reserve, Worcester.

172240. *ARCTOTIS* sp. Asteraceae.

No. 25. Clanwilliam.

172241. *ARCTOTIS* sp.No. 26. *Dele Hoek*. Piquetberg.172242. *ARCTOTIS* sp.

No. 24. Graafwater.

172243. *ARISTIDA DIFFUSA* Trin. Poaceae.

No. 46. Gelukwaarts Farm, Citrusdal.

172244. *ASPALATHUS CONTAMINATUS* (Thunb.) Druce. Fabaceae.

No. 69. Clanwilliam.

172245. *ATRIPLEX ALBICANS* Ait. Chenopodiaceae.No. 33. *Dele Hoek*. Piquetberg.172246. *CAPNOPHYLLUM AFRICANUM* Gaertn. Apiaceae.

No. 32. Blombos Farm, Darling.

172247. *DANTHONIA DREGEANA* (Nees) Steud. Poaceae.

No. 44. Near Orchard Station.

172248. *DOLICHOS GIBBOSUS* Thunb. Fabaceae.

No. 43. Blombos Farm, near Darling.

172239 to 172310.—Continued

- 172249 to 172262. *EHRHARTA* spp. Poaceae. Veldtgrass.
 172249 to 172260. *EHRHARTA CALYCINA* J. E. Smith Perennial veldtgrass.
 172249. No. 50. Darling.
 172250. No. 51. Paarl.
 172251. No. 52. Gelukwaarts Farm, Citrusdal.
 172252. No. 53. Moorreesburg-Piquetberg Rd.
 172253. No. 54. Botha's Halt.
 172254. No. 55. Elandsfontein Farm, Clanwilliam.
 172255. No. 56. Malmesbury-Paarl Rd.
 172256. No. 57. Mitchell's Pass.
 172257. No. 58. Lorraine Farm, Clanwilliam.
 172258. No. 59. Dewet Station.
 172259. No. 60. Nortier Reserve, Lambert's Bay.
 172260. No. 61. Outside Worcester.
 172261. *EHRHARTA* sp. Veldtgrass.
 No. 62. Hex River, Worcester.
 172262. *EHRHARTA CALYCINA* J. E. Smith. Perennial veldtgrass.
 No. 71. *Dele Hoek*. Piquetberg.
 172263 and 172264. *ERAGROSTIS CURVULA* (Schrud.) Nees. Poaceae.
 172263. No. 47. Paarl.
 172264. No. 48. Dewet Siding, Worcester.
 172265. *ERIOCEPHALUS* sp. Asteraceae.
 No. 14. Tierkloof Farm, Clanwilliam.
 172266. *ERIOCEPHALUS* sp.
 No. 15. Paarl.
 172267. *ERIOCEPHALUS* sp.
 No. 16. Nortier Reserve, Lambert's Bay.
 172268. *ERIOCEPHALUS* sp.
 No. 17. Blombos Farm, Darling.
 172269. *GALENIA FRUTICOSA* Sond. Aizoaceae.
 No. 36. Veld Reserve, Worcester.
 172270 to 172275. *HERMANNIA* spp. Sterculiaceae.
 172270. *HERMANNIA PALLENS* Eckl. & Zeyh.
 No. 7. Veld Reserve, Worcester.
 172271. *HERMANNIA SCORDIFOLIA* Jacq.
 No. 6. Windhoek Farm, Klaver.
 172272 to 172274. *HERMANNIA TRIFURCA* L. Yellow plasterbush.
 172272. Gelukwaarts Farm, Citrusdal.
 172273. No. 3. Lorraine Farm, Clanwilliam.
 172274. No. 4. Veld Reserve, Worcester.
 172275. *HERMANNIA* sp.
 No. 5. Elandsfontein Farm, Clanwilliam.
 172276. *INDIGOFERA* sp. Fabaceae.
 No. 63. Near Clanwilliam.

172239 to 172310.—Continued

172277. *INDIGOFERA* sp.
No. 64. Clanwilliam.
172278. *INDIGOFERA PATENS* Eckl. & Zeyh.
No. 72. Veld Reserve, Worcester.
172279. *JUSTICIA ORCHIOIDES* L. f. Acanthaceae.
No. 31. Tierhoek Farm, Clanwilliam.
172280. *LEBECKIA MULTIFLORA* E. Mey. Fabaceae.
No. 68. Redelinghuys.
172281. *LIGHTFOOTIA ALBENS* A. DC. Campanulaceae.
No. 40. Veld Reserve, Worcester.
172282. *MELOLOBIUM CERNUUM* Eckl. & Zeyh. Fabaceae.
No. 65. Winkelshoek Farm, Piquetberg.
172283. *MONTINIA CARYOPHYLLACEA* Thunb. Saxifragaceae.
No. 28. Clanwilliam.
- 172284 and 172285. *MUNDTIA SPINOSA* DC. Polygalaceae.
172284. No. 29. Blombos Farm.
172285. No. 29a. Clanwilliam.
172286. *OSTEOSPERMUM HISPIDUM* Harv. Asteraceae.
No. 21. Tierkloof Farm, Clanwilliam.
172287. *OSTEOSPERMUM MURICATUM* E. Mey.
No. 22. Veld Reserve, Worcester.
172288. *OSTEOSPERMUM* sp.
No. 23. Veld Reserve, Worcester.
172289. *PENNISETUM THUNBERGII* Kunth. Poaceae.
No. 45. Hex River Farm, Citrusdal.
172290. *PENTZIA SPHAEROCEPHALA* DC. Asteraceae.
No. 41. Veld Reserve, Worcester.
172291. *PHYMASPERMUM PARVIFOLIUM* (DC.) Benth. & Hook. Asteraceae.
No. 35. Veld Reserve, Worcester.
172292. *PRISMATOCARPUS BOELLOIDES* (L.) Sond. Campanulaceae.
No. 38. Veld Reserve, Worcester.
172293. *PSORALEA CANDICANS* Eckl. & Zeyh. Fabaceae.
No. 74. Veld Reserve, Worcester.
172294. *RELHANIA ERICOIDES* Cass. Asteraceae.
No. 37. Veld Reserve, Worcester.
172295. *RHUS DISSECTA* Thunb. Anacardiaceae.
No. 19. Elandsfontein Farm, Clanwilliam.
172296. *RHUS GLAUCA* Thunb.
No. 18. Blombos Farm, Darling.
172297. *RHUS* sp.
No. 20. Clanwilliam.
172298. *ROYENA HIRSUTA* L. Ebenaceae.
No. 42. Clanwilliam.

172239 to 172310.—Continued

172299. *SELAGO* sp. Scrophulariaceae.

No. 73. Windhoek Farm, Klaver.

172300. *SUTHERLANDIA FRUTESCENS* (L.) R. Br. Fabaceae.

No. 70. Redelinghuys.

172301. *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

No. 8. Clanwilliam.

172302. *TETRAGONIA* sp.

No. 9. Clanwilliam.

172303. *TETRAGONIA* sp.

No. 9a. Clanwilliam.

172304. *TETRAGONIA* sp.

No. 11. Windhoek Farm, Klaver.

172305. *TETRAGONIA ARBUSCULA* Fenzl.

No. 12. Nortier Reserve, Lambert's Bay.

172306. *TETRAGONIA ARBUSCULA* Fenzl.

No. 13. Redelinghuys.

172307. *TRIPTERIS PACHYPTERIS* Harv. Asteraceae.

No. 34. Veld Reserve, Worcester.

172308. *WIBORGIA OBCORDATA* Thunb. Fabaceae.

No. 27. Winkelshoek Farm, Piquetberg.

172309. *WIBORGIA* sp.

No. 66. Hex River Farm, Clanwilliam.

172310. *WIBORGIA* sp.

No. 67. Redelinghuys.

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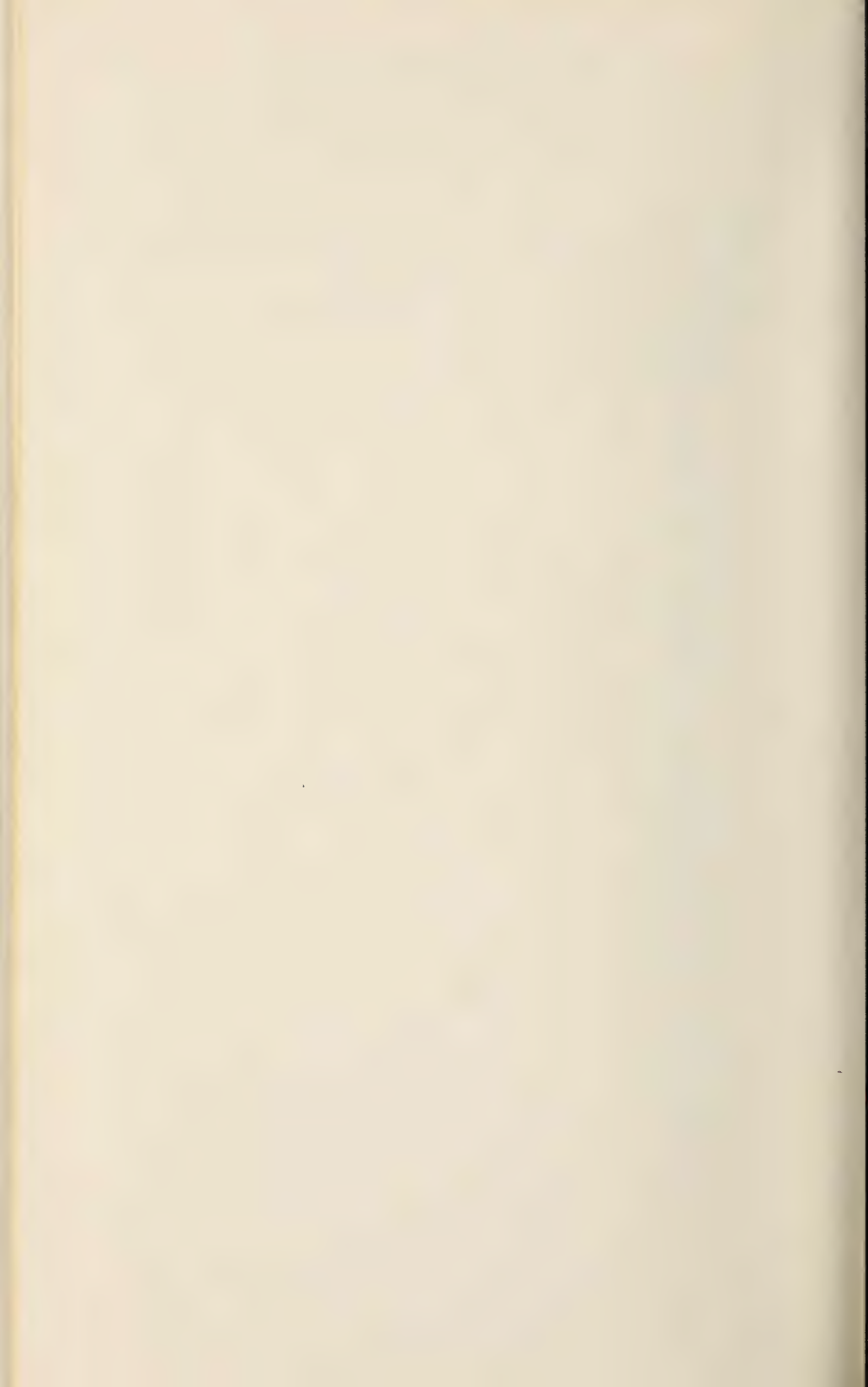
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